



# MMWR<sup>TM</sup>

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### National HIV Testing Day — June 27, 2005

National HIV Testing Day (NHTD) is June 27. NHTD is sponsored by the National Association of People with AIDS to encourage persons at risk to receive voluntary counseling and testing for human immunodeficiency virus (HIV). This year's theme, "Take the Test. Take Control," highlights the need for testing and counseling persons at risk to maintain their health and protect their partners. In addition, this year marks the 20th anniversary of the first commercially available HIV test (1), and NHTD offers an opportunity to recognize how much progress has been made in diagnosing, counseling, treatment, and care since 1985.

Approximately 1 million persons in the United States are HIV positive, and nearly one quarter of those infected are not aware of their infections (2). HIV testing has become easier, more accessible, and less invasive than ever before (3). Persons who know they are infected can benefit from advances in medical care to prolong their lives and can take action to prevent transmission of HIV to others (4).

Additional information about where to get tested for HIV and local events being held to encourage testing among populations at greatest risk (e.g., non-Hispanic blacks, Hispanics, and men who have sex with men) is available at <http://www.hivtest.org>.

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### HIV Prevalence, Unrecognized Infection, and HIV Testing Among Men Who Have Sex with Men — Five U.S. Cities, June 2004–April 2005

Well into the third decade of the human immunodeficiency virus (HIV) epidemic, rates of HIV infection remain high, especially among minority populations. Of newly diagnosed HIV infections in the United States during 2003, CDC estimated that approximately 63% were among men who were infected through sexual contact with other men, 50% were among blacks, 32% were among whites, and 16% were among Hispanics (1). Studies of HIV infection among young men who have sex with men (MSM) in the mid to late 1990s revealed high rates of HIV prevalence, incidence, and unrecognized infection, particularly among young black MSM (2–4). To reassess those findings and previous HIV testing behaviors among MSM, CDC analyzed data from five of 17 cities participating in the National HIV Behavioral Surveillance (NHBS) system. This report summarizes preliminary findings from the HIV-testing component of NHBS, which indicated that, of MSM surveyed, 25% were infected with HIV, and 48% of those infected were unaware of their infection. To decrease HIV transmission, MSM should be encouraged to receive an HIV test at least annually, and prevention programs should improve means of reaching persons unaware of their HIV status, especially those in populations disproportionately at risk.

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**Notifiable Disease Morbidity and 122 Cities Mortality Data**

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NHBS is an ongoing behavioral surveillance system that collects cross-sectional data among populations at high risk for acquiring HIV, including MSM, injection-drug users, and heterosexuals at high risk. Men aged ≥18 years were sampled systematically from randomly selected venues where MSM congregated (e.g., bars/clubs, organizations, and street locations). Formative research was conducted to identify venues and days and times when MSM frequented these venues (2–4). Men eligible for the survey were aged ≥18 years and residents of the metropolitan statistical area (MSA). Using a standardized questionnaire, men were interviewed about their sexual and drug-use behaviors, HIV-testing behavior, and use of HIV-prevention services. During June 2004–April 2005, participants in five NHBS cities (Baltimore, Maryland; Los Angeles, California; Miami, Florida; New York, New York; and San Francisco, California) were also tested for HIV infection after informed consent.

The OraQuick® rapid test or an enzyme immunoassay (EIA) was used to screen blood specimens for HIV antibody, and initially reactive specimens were tested by Western blot for confirmation. To estimate HIV incidence, CDC used a serologic testing algorithm for recent HIV seroconversion (STARHS) (5). Specimens that were confirmed positive were tested further with the Vironostika-Less Sensitive (LS) EIA, which detects HIV infection approximately 170 days after initial infection by using a 1.0 standard optical density cutoff (95% confidence interval [CI] = 145–200 days) (6). A specimen confirmed positive by Western blot and nonreactive on the Vironostika-LS assay was categorized as an incident infection. Persons self-reporting a previous positive test result and HIV-positive participants reporting use of antiretroviral therapy were excluded from the incidence estimate.

Participants were asked about the date and result of their most recent HIV test before having their blood drawn as part of NHBS. Men who had not been tested during the preceding year were asked about their reasons for not being tested. MSM with unrecognized infection were defined as those who reported being HIV negative, indeterminate, or not knowing their HIV status, but who tested HIV positive at the time of their interview. Prevalence ratios and 95% CIs were calculated to evaluate characteristics associated with testing during the preceding year. Differences in reasons for not testing between HIV-negative MSM and MSM with unrecognized infection were assessed by using chi-square tests ( $p<0.05$ ).

In the five cities, 2,261 men sampled from 258 venues participated in NHBS. The participation rate among eligible men was 83% (range by city: 69%–99%). A total of 1,767 (78%) were men who had one or more male sex partners and agreed to the survey, HIV test, and STARHS test (range by city: 222–462). Of these 1,767 participants, the median age was 32 years

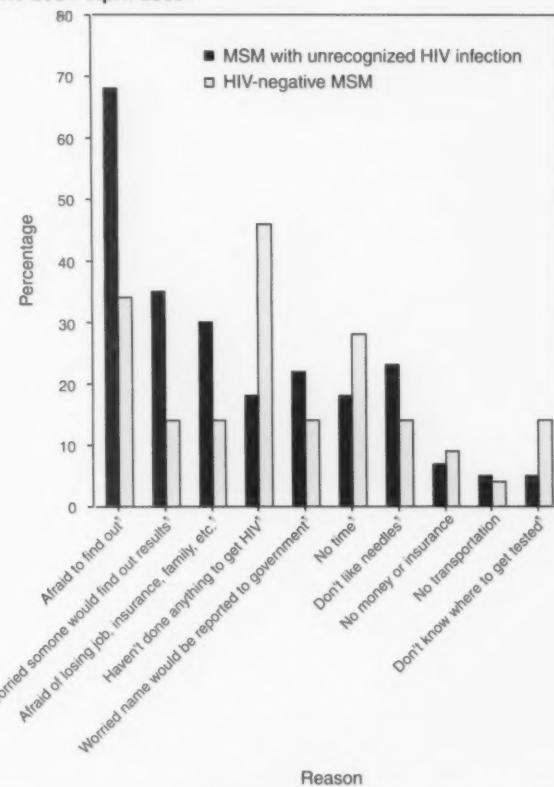
(range: 18–81 years); 35% were white, 27% Hispanic, 25% black, 7% multiracial/other, and 6% Asian/Pacific Islander. Participants were recruited at bars (30%), street locations (20%), dance clubs (19%), cafes/retail stores (10%), Gay Pride events (6%), social organizations (5%), gyms (5%), sex establishments (3%), and parks (1%).

Of the 1,767 MSM, 450 (25%) tested positive for HIV (range by city: 18%–40%). HIV prevalence was 46% among blacks, 21% among whites, and 17% among Hispanics. A total of 340 (76%) of those who were HIV positive were aged ≥30 years (Table 1). Of the 449 HIV-antibody-positive specimens tested by Vironostika-LS, 80 were nonreactive; of these, 31 were considered incident infections, and 49 were excluded from the incidence estimate. HIV incidence among MSM by city was as follows: Baltimore, 8.0% (95% CI = 4.2%–11.8%); Los Angeles, 1.4% (95% CI = 0.0%–2.9%); Miami, 2.6% (95% CI = 0.0%–5.6%); New York City, 2.3% (95% CI = 0.28%–4.2%); and San Francisco, 1.2% (95% CI = 0.0%–2.6%).

Of the 450 HIV-infected MSM, 217 (48%) were unaware of their HIV infections. The proportion of unrecognized HIV infection was highest among MSM who were aged <30 years, nonwhite, and surveyed in the four cities other than San Francisco (Table 1). Of the 217 MSM with unrecognized HIV

infections, 64% were black, 18% Hispanic, 11% white, and 6% multiracial/other. The majority (184 [84%]) of the 217 MSM with unrecognized HIV infection had previously been tested for HIV; 145 (79%) reported that their most recent test result was negative, 33 (18%) were unknown, and six (3%) were indeterminate. Approximately 58% of MSM with unrecognized infections had not been tested during the preceding year. Compared with MSM who were HIV negative, proportionally more MSM with unrecognized infections had not been tested during the preceding year because they were afraid of learning they had HIV (34% versus 68%;  $p<0.0001$ ) and were worried others would find out the result (14% versus 35%;  $p<0.0001$ ) (Figure).

**FIGURE. Reasons for not having an HIV test during the preceding 12 months among men who have sex with men (MSM), by HIV-infection status\* — five NHBS† cities§, June 2004–April 2005**



**TABLE 1. HIV prevalence and proportion of unrecognized HIV infection among men who have sex with men, by city, age group, and race/ethnicity — five NHBS\* cities, June 2004–April 2005**

| Characteristic         | Total tested | HIV prevalence |             | Unrecognized HIV infection |             |
|------------------------|--------------|----------------|-------------|----------------------------|-------------|
|                        |              | No.            | (%)         | No.                        | (%)         |
| <b>City</b>            |              |                |             |                            |             |
| Baltimore              | 462          | 186            | (40)        | 115                        | (62)        |
| Los Angeles            | 382          | 73             | (19)        | 31                         | (42)        |
| Miami                  | 222          | 41             | (18)        | 19                         | (46)        |
| New York City          | 336          | 62             | (18)        | 32                         | (52)        |
| San Francisco          | 365          | 88             | (24)        | 20                         | (23)        |
| <b>Age group (yrs)</b> |              |                |             |                            |             |
| 18–24                  | 410          | 57             | (14)        | 45                         | (79)        |
| 25–29                  | 303          | 53             | (17)        | 37                         | (70)        |
| 30–39                  | 585          | 171            | (29)        | 83                         | (49)        |
| 40–49                  | 367          | 137            | (37)        | 41                         | (30)        |
| ≥50                    | 102          | 32             | (31)        | 11                         | (34)        |
| <b>Race/Ethnicity†</b> |              |                |             |                            |             |
| White, non-Hispanic    | 616          | 127            | (21)        | 23                         | (18)        |
| Black, non-Hispanic    | 444          | 206            | (46)        | 139                        | (67)        |
| Hispanic               | 466          | 80             | (17)        | 38                         | (48)        |
| Multiracial            | 86           | 16             | (19)        | 8                          | (50)        |
| Other§                 | 139          | 18             | (13)        | 9                          | (50)        |
| <b>Total</b>           | <b>1,767</b> | <b>450</b>     | <b>(25)</b> | <b>217</b>                 | <b>(48)</b> |

\* National HIV Behavioral Surveillance.

† Numbers for HIV prevalence do not add to 450 because of missing data in three records.

§ Because of small sample sizes, category includes Asian/Pacific Islander, Native American/Alaska Native, and other.

\* HIV-negative MSM ( $n = 472$ ); MSM with unrecognized infection ( $n = 119$ ).

† National HIV Behavioral Surveillance.

§ Baltimore, Maryland; Los Angeles, California; Miami, Florida; New York, New York; and San Francisco, California.

†  $p<0.05$  by Cochran-Mantel-Haenszel chi-square test.

Nearly all participants (92%) reported previously being tested for HIV, and 64% reported being tested during the preceding year. MSM were more likely to have been tested during the preceding year if they had visited a health-care provider and their provider recommended an HIV test (Table 2). Sexual and drug-use behaviors were not associated with testing during the preceding year.

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**Editorial Note:** Consistent with previous studies of young MSM conducted in the same cities using similar sampling methods (2–4,7,8), this study revealed that 1) prevalence and incidence of HIV infection in this population were high; 2) many HIV-infected MSM, particularly younger and black MSM, were unaware they were HIV-infected; and 3) among MSM with unrecognized infection, nearly half presumably acquired HIV during the preceding year, and many had not been tested recently because of fears of testing positive. These findings underscore the need to increase testing and improve primary prevention practices for MSM.

Although a majority of MSM had been tested during the preceding year, more than half with unrecognized infections had not had an annual test. The results of this study support CDC guidelines recommending at least annual testing for sexually active MSM (8), especially among younger MSM and minority populations (7).

The findings in this report are subject to at least four limitations. First, the date of a participant's most recent HIV test is self-reported and might be subject to reporting inaccuracies. Second, given the sensitive nature of some questions, HIV status might have been underreported during the interview, thereby inflating estimates of unrecognized infections. Third, these findings are limited to men who frequented MSM-identified venues in the five selected cities during the survey period. Although similar rates of HIV incidence were observed compared with previous surveys (2), the limited number of incident cases prevents comparisons by race and age. Finally, data are preliminary and have not been weighted by venue-selection probability.

**TABLE 2. Prevalence of HIV testing during the preceding year among men who have sex with men, by selected characteristics—five NHBS<sup>\*</sup> cities, June 2004–April 2005**

| Characteristic                                | Total previously tested | Last HIV test during preceding year |           | Prevalence ratio (95% CI) <sup>†</sup> |             |
|---|-------------------------|-------------------------------------|-----------|--|-------------|
|   |                         | No.                                 | (%)       |  |             |
| <b>City</b>                                   |                         |                                     |           |  |             |
| Baltimore                                     | 404                     | 260                                 | 64        | 1.00                                   | Referent    |
| Los Angeles                                   | 358                     | 231                                 | 64        | 1.00                                   | (0.90–1.11) |
| Miami   | 230                     | 136                                 | 67        | 1.04                                   | (0.92–1.17) |
| New York City                                 | 306                     | 202                                 | 66        | 1.03                                   | (0.92–1.14) |
| San Francisco                                 | 351                     | 206                                 | 59        | 0.91                                   | (0.81–1.02) |
| <b>Age group (yrs)</b>                        |                         |                                     |           |  |             |
| 18–24   | 350                     | 285                                 | 81        | 1.00                                   | Referent    |
| 25–29   | 285                     | 200                                 | 70        | 0.86                                   | (0.79–0.94) |
| 30–39   | 547                     | 330                                 | 60        | 0.74                                   | (0.68–0.81) |
| 40–49   | 346                     | 180                                 | 52        | 0.64                                   | (0.57–0.72) |
| ≥50   | 94                      | 40                                  | 43        | 0.52                                   | (0.41–0.66) |
| <b>Race/Ethnicity</b>                         |                         |                                     |           |  |             |
| White, non-Hispanic                           | 589                     | 345                                 | 58        | 1.00                                   | Referent    |
| Black, non-Hispanic                           | 391                     | 254                                 | 65        | 1.11                                   | (1.00–1.23) |
| Hispanic                                      | 422                     | 289                                 | 68        | 1.17                                   | (1.06–1.28) |
| Asian/Pacific Islander                        | 85                      | 55                                  | 65        | 1.10                                   | (0.93–1.31) |
| Native American/<br>Alaska Native             | 7                       | 6                                   | 86        | 1.46                                   | (1.07–2.00) |
| Multiracial                                   | 79                      | 52                                  | 66        | 1.12                                   | (0.95–1.34) |
| Other   | 34                      | 25                                  | 74        | 1.26                                   | (0.36–1.13) |
| <b>Education</b>                              |                         |                                     |           |  |             |
| <High school                                  | 142                     | 97                                  | 68        | 1.00                                   | Referent    |
| High school or equivalent                     | 343                     | 227                                 | 66        | 0.97                                   | (0.85–1.11) |
| >High school                                  | 1,135                   | 709                                 | 62        | 0.91                                   | (0.81–1.03) |
| <b>Sexual identity</b>                        |                         |                                     |           |  |             |
| Homosexual                                    | 1,256                   | 787                                 | 63        | 1.00                                   | Referent    |
| Bisexual                                      | 320                     | 219                                 | 68        | 1.09                                   | (1.00–1.19) |
| <b>Health-insurance status</b>                |                         |                                     |           |  |             |
| Private physician<br>or HMO <sup>§</sup>      | 954                     | 616                                 | 65        | 1.00                                   | Referent    |
| Public  | 149                     | 91                                  | 61        | 0.95                                   | (0.83–1.08) |
| None  | 495                     | 312                                 | 63        | 0.98                                   | (0.90–1.06) |
| <b>Health-care use</b>                        |                         |                                     |           |  |             |
| Visited provider during<br>preceding year     |                         |                                     |           |  |             |
| No  | 317                     | 156                                 | 49        | 1.00                                   | Referent    |
| Yes   | 1,305                   | 879                                 | 67        | 1.37                                   | (1.22–1.54) |
| Provider recommended<br>HIV test <sup>¶</sup> |                         |                                     |           |  |             |
| No  | 809                     | 476                                 | 59        | 1.00                                   | Referent    |
| Yes   | 496                     | 403                                 | 81        | 1.38                                   | (1.29–1.48) |
| <b>Most recent HIV test<br/>result**</b>      |                         |                                     |           |  |             |
| Negative                                      | 1,285                   | 874                                 | 68        | 1.00                                   | Referent    |
| Unknown                                       | 95                      | 72                                  | 76        | 0.90                                   | (0.80–1.01) |
| <b>Total</b>                                  | <b>1,622</b>            | <b>1,035</b>                        | <b>64</b> | —                                      | —           |

\* National HIV Behavioral Surveillance.

† Confidence interval.

§ Health maintenance organization.

¶ Among those who visited a health-care provider during the preceding year.

\*\* Result of last HIV test before participation in NHBS.

The 2004 NHBS system was conducted in 17 MSAs with the highest AIDS prevalence. Although this report focuses on testing results from five selected cities, behavioral data are forthcoming from all participating cities. NHBS is an important tool for monitoring the impact of the HIV epidemic and informing prevention efforts.

HIV incidence and prevalence are high among MSM, and many are unaware they are HIV positive. The high level of unrecognized HIV infections among MSM is a public health concern. Persons aware of their HIV infection often take steps to reduce their risk behaviors, which could reduce HIV transmission (9). To increase the proportion of HIV-positive persons who know they are infected, sexually active MSM should be encouraged to have an HIV test at least annually. Corresponding efforts should be developed to address barriers to testing, particularly those related to fear, and to increase the availability of testing in clinical and nonclinical settings (10). Testing programs should target both younger MSM and black MSM to reach populations disproportionately unaware they are HIV positive.

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## Use of Social Networks to Identify Persons with Undiagnosed HIV Infection — Seven U.S. Cities, October 2003–September 2004

An estimated 250,000 persons living with human immunodeficiency virus (HIV) in the United States are not aware of their infections and their risk for transmitting HIV (1). As part of CDC's Advancing HIV Prevention Initiative, identifying persons with undiagnosed HIV infection and linking them to medical care and prevention services is a national priority (2). In 2003, a 2-year demonstration project was begun with nine community-based organizations (CBOs) in seven cities to evaluate the effectiveness of using a social network strategy (3) at multiple sites to identify persons at risk for HIV infection and direct them to HIV counseling, testing, and referral (CTR). In this strategy, HIV-positive persons and HIV-negative persons at high risk (i.e., recruiters) are enlisted to recruit for CTR persons from their social, sexual, and drug-use networks (i.e., network associates [NAs]) believed to be at risk for HIV infection (4). This report summarizes preliminary results from the first year of this 2-year project, which indicated that 133 persons recruited 814 NAs, resulting in 46 newly identified HIV infections (approximately 6% of all persons tested). Health departments and CBOs should consider this strategy as an effective method for recruiting persons for CTR and identifying those with undiagnosed HIV infection.

The nine CBOs participating in the social network project provided HIV-related services in seven cities\*. Although details differed among sites (e.g., identification of recruiters or use of incentives), all CBOs used the same basic methods. First, CBO staff members invited clients who were HIV positive to recruit NAs, including sex and needle-sharing partners the recruiters believed did not know their HIV status and might have been at risk for HIV infection. Certain CBOs also received referrals of recruiters from collaborating agencies. Next, recruiters were interviewed to elicit information about their networks and were coached by CBO staff members on strategies for discussing HIV and CTR with NAs. Although CBO interviewers talked with recruiters about their NAs in detail, information on the specific nature of the recruiter-NA relationship (e.g., sex or needle-sharing partners) was not

\* San Francisco, California; Washington, DC; Orlando, Florida; Lafayette, Louisiana; Boston, Massachusetts; New York, New York; and Philadelphia, Pennsylvania.

requested. Typically, recruiters then contacted their NAs and accompanied or referred them to a designated CTR site (on certain occasions, at a recruiter's request, NAs were contacted by CBO outreach staff). Those NAs not accompanied to a CTR site received referral cards to present to CTR staff members to indicate who recruited them for testing.

NAs with positive tests were referred for medical care, HIV risk-reduction services, partner counseling and referral services (PCRS), and other services as needed (e.g., sexually transmitted disease [STD] screening, substance abuse treatment, and mental health treatment). NAs with negative HIV tests were assessed to determine HIV behavioral risks<sup>†</sup> and the need for follow-up testing, and referred for HIV risk-reduction and other appropriate services.

CBOs typically provided a small incentive (e.g., gift card) to recruiters for each NA successfully recruited and tested; some provided incentives to NAs who completed HIV testing. At the discretion of CBO staff, HIV-positive NAs and HIV-negative NAs at high risk (tested during the project) were invited to become recruiters, enabling identification and testing of additional NAs in a recruiter's network. Recruiter and NA data were collected during October 2003–September 2004. Pearson chi square or Fisher's exact tests were used to test associations between selected characteristics of recruiters and NAs and prevalence of newly identified HIV-positive NAs. For outcomes significant at the  $p<0.05$  level, pairwise comparisons were performed by using an adjustment for multiple comparisons.

During October 2003–September 2004, a total of 133 recruiters (Table 1) were enlisted from the nine CBO sites (range: three to 29 recruiters). A total of 814 NAs were recruited for HIV testing, including 737 (90%) by recruiters on their own; 67 (8%) by CBO outreach workers, based on information provided by recruiters; and five (1%) by recruiters and outreach workers together. Recruitment method was not available for five (1%) NAs. Of the 133 recruiters, 80 (60%) were male, 43 (32%) were female, and 10 (8%) were transgender<sup>§</sup> persons. Most recruiters were either HIV positive (77%) or HIV negative but at high risk (16%). A total of 113 (85%) were aged  $\geq 35$  years; and 125 (94%) were from racial/ethnic minorities, including 88 (66%) who were non-Hispanic black and 34 (26%) who were Hispanic. Fifty-four (41%) were heterosexuals at high risk, 39 (29%) were men

who have sex with men (MSM), 15 (11%) were men who have sex with men and were injection-drug users (MSM/IDUs), and 12 (9%) were IDUs.

Recruiter proficiency was assessed by calculating a network index (i.e., number of NAs recruited divided by number of recruiters) and by calculating prevalence of newly identified HIV infection among NAs; recruitment information was not available for 59 (7%) NAs (Table 1). The network index was highest for recruiters who were aged 25–34 years, Hispanic, IDUs, and MSM/IDUs, indicating that recruiters with these characteristics were most proficient at recruiting NAs for testing. However, the prevalence of newly identified HIV infection was highest among NAs recruited by transgender persons and MSM.

Of the 814 NAs tested, 669 (82%) were HIV negative and at high risk, 79 (10%) were HIV negative at low or unknown risk, 46 (6%) had newly identified HIV infections, 12 (2%) had HIV diagnosed previously, and eight (1%) did not have test results available (Table 2). Information on referral to care was incomplete in these preliminary data. A total of 677 (83%) NAs were aged  $\geq 25$  years, 544 (67%) were male, 477 (59%) were heterosexuals at high risk, 383 (47%) were non-Hispanic blacks, and 310 (38%) were Hispanics. A total of 748 (92%) NAs were identified directly by a recruiter; 66 (8%) were identified through another NA.

Prevalence of newly identified HIV infections among NAs varied significantly by sex/gender and HIV risk group; the highest prevalences were recorded among MSM/IDU (26%), transgender persons (20%), and MSM (16%) (Table 2). Prevalence of newly identified HIV infections for NAs identified directly by recruiters (6%) was similar to that for NAs identified indirectly through another NA (8%). At each site, recruiters also identified venues they frequented (e.g., substance abuse centers, bars/clubs, and homeless shelters) where they believed NAs at high risk could be reached; 110 (14%) NAs received CTR at these venues, but none were HIV positive.

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<sup>†</sup> Persons were considered at high risk for HIV if, during the preceding year, they had unprotected sex (i.e., oral, vaginal, or anal) with a person with HIV or AIDS, or a person with unknown HIV status (with or without known risk for HIV); shared drug-injection equipment; had sex in exchange for money or drugs; or had an STD.

<sup>§</sup> Persons who identify with or express a gender and/or sex different from their biologic sex.

**TABLE 1.** Number and percentage of recruiters enlisted and network associates recruited and tested for HIV, by selected recruiter characteristics — seven U.S. cities\*, October 2003–September 2004

| Recruiter characteristic                               | Recruiters |         | Network associates recruited and tested |         | Network index† | Network associates with newly identified HIV infection |         |          |
|--|------------|---------|---|---------|----------------|--|---------|----------|
|  | No.        | (%)     | No.                                     | (%)     |                | No.  | (%)     | p value§ |
| No recruiter specified**                               | —          | —       | 59                                      | (7.2)   | —              | 3  | (6.5)   | —        |
| HIV serostatus   |            |         |   |         |                |  |         | 0.88     |
| Positive   | 103        | (77.4)  | 461                                     | (56.6)  | 4.5            | 31   | (67.4)  | 6.7      |
| Negative, at high risk††                               | 21         | (15.8)  | 155                                     | (19.0)  | 7.4            | 11   | (23.9)  | 7.1      |
| Negative, at low or unknown risk                       | 3          | (2.3)   | 0                                       | —       | 0              | 0  | —       | 0        |
| Unknown  | 6          | (4.5)   | 139                                     | (17.1)  | —              | 1  | (2.2)   | —        |
| Sex/Gender   |            |         |   |         |                |  |         | 0.03     |
| Female   | 43         | (32.3)  | 183                                     | (22.5)  | 4.3            | 9  | (19.6)  | 4.9      |
| Male   | 80         | (60.2)  | 547                                     | (67.2)  | 6.8            | 29   | (63.0)  | 5.3      |
| Transgender§§  | 10         | (7.5)   | 25                                      | (3.1)   | 2.5            | 5  | (10.9)  | 20.0     |
| Age group (yrs)  |            |         |   |         |                |  |         | 0.08     |
| 13–24  | 5          | (3.8)   | 18                                      | (2.2)   | 3.6            | 0  | —       | 0        |
| 25–34  | 14         | (10.5)  | 222                                     | (27.3)  | 15.9           | 9  | (19.6)  | 4.1      |
| 35–44  | 61         | (45.9)  | 285                                     | (35.0)  | 4.7            | 19   | (41.3)  | 6.7      |
| ≥45  | 52         | (39.1)  | 229                                     | (28.1)  | 4.4            | 15   | (32.6)  | 6.6      |
| Unknown  | 1          | (0.8)   | 1                                       | (0.1)   | —              | 0  | —       | —        |
| Race/Ethnicity   |            |         |   |         |                |  |         | 0.21     |
| White, non-Hispanic                                    | 8          | (6.0)   | 9                                       | (1.1)   | 1.1            | 0  | —       | 0        |
| Black, non-Hispanic                                    | 88         | (66.2)  | 356                                     | (43.7)  | 4.0            | 26   | (56.5)  | 7.3      |
| Hispanic   | 34         | (25.6)  | 386                                     | (47.4)  | 11.4           | 17   | (37.0)  | 4.4      |
| Other¶¶  | 3          | (2.3)   | 4                                       | (0.5)   | 1.3            | 0  | —       | 0        |
| HIV risk group   |            |         |   |         |                |  |         | 0.008    |
| Men who have sex with men***                           | 39         | (29.3)  | 74                                      | (9.1)   | 1.9            | 11   | (23.9)  | 14.9     |
| Men who have sex with men and are injection-drug users | 15         | (11.3)  | 154                                     | (18.9)  | 10.3           | 4  | (8.7)   | 2.6      |
| Injection-drug users                                   | 12         | (9.0)   | 230                                     | (28.3)  | 19.2           | 13   | (28.3)  | 5.7      |
| Heterosexuals at high risk††                           | 54         | (40.6)  | 258                                     | (31.7)  | 4.8            | 14   | (30.4)  | 5.4      |
| Other risk factors†††                                  | 13         | (9.8)   | 39                                      | (4.8)   | 3.0            | 1  | (2.2)   | 2.6      |
| Total  | 133        | (100.0) | 814                                     | (100.0) | 6.1            | 46   | (100.0) | 5.7      |

\* San Francisco, California; Washington, DC; Orlando, Florida; Lafayette, Louisiana; Boston, Massachusetts; New York, New York; and Philadelphia, Pennsylvania.

† Number of network associates recruited and tested divided by number of recruiters.

‡ Number of network associates with newly identified HIV infections divided by total number of network associates recruited and tested.

§ For chi-square tests assessing the association between recruiter characteristics and prevalence of network associates with newly identified HIV infection. Characteristics described as unknown or other were excluded.

\*\* Network associates not linked to specific recruiters.

†† Persons were considered at high risk for HIV if, during the preceding year, they had unprotected sex (i.e., oral, vaginal, or anal) with a person with HIV or AIDS, or a person with unknown HIV status (with or without known risk for HIV); shared drug-injection equipment; had sex in exchange for money or drugs; or had a sexually transmitted disease.

§§ Persons who identify with or express a gender and/or sex different from their biologic sex.

¶¶ American Indian/Alaska Native (two) and other race (one).

\*\*\* Includes bisexuals.

††† Certain risk factors (e.g., recent unprotected sex or general drug use) specified for recruiters instead of a primary risk group.

**Editorial Note:** Preliminary findings described in this report suggest that programs can target testing to persons at high risk for HIV infection by enlisting persons who are HIV positive or HIV negative and at high risk to recruit NAs in their social, sexual, and drug-using networks. The approximate 6% prevalence of HIV infection among NAs tested in this project was five times the average prevalence reported by publicly funded CTR sites (5). In addition, the findings indicate that transgender and MSM recruiters were particularly effective in recruiting persons who tested positive for HIV, suggesting that transgender and MSM networks might be more likely to include persons with undiagnosed HIV infection.

In this project, CBO interviewers did not ask recruiters to provide information on the specific nature of their relationship with each NA. CBO staff members reported that this contributed substantially to the willingness of recruiters to provide information about their networks and recruit NAs for CTR. Recruiters contacted most NAs themselves and, when coached and supported by CBO staff members, successfully recruited NAs for CTR. This strategy appears to make efficient use of CBO staff members, enabling them to focus on in-depth network interviews with recruiters, establishing rapport and trust, and coaching recruiters on how to effectively

**TABLE 2. Results of testing network associates for HIV infection, by selected network associate characteristics — seven U.S. cities\*, October 2003–September 2004**

| Network associate characteristic                       | Network associates |                |                             |                |                                      |                |                                  |                |            |
|--|--------------------|----------------|-----------------------------|----------------|--------------------------------------|----------------|----------------------------------|----------------|------------|
|  | Total†             |                | HIV negative, at high risk§ |                | HIV negative, at low or unknown risk |                | Newly identified as HIV positive |                |            |
|  | No.                | (%)            | No.                         | (%)            | No.                                  | (%)            | No.                              | (%)            |            |
| <b>Sex/Gender</b>                                      |                    |                |                             |                |                                      |                |                                  | 0.01           |            |
| Female   | 252                | (31.0)         | 218                         | (32.6)         | 16                                   | (20.3)         | 8                                | (17.4)         | 3.2        |
| Male   | 544                | (66.8)         | 438                         | (65.5)         | 62                                   | (78.5)         | 35                               | (76.1)         | 6.4        |
| Transgender††  | 15                 | (1.8)          | 11                          | (1.6)          | 0                                    | —              | 3                                | (6.5)          | 20.0       |
| Unknown  | 3                  | (0.4)          | 2                           | (0.3)          | 1                                    | (1.3)          | 0                                | —              | —          |
| <b>Age group (yrs)</b>                                 |                    |                |                             |                |                                      |                |                                  | 0.91           |            |
| 13–24  | 132                | (16.2)         | 114                         | (17.4)         | 10                                   | (12.7)         | 7                                | (15.2)         | 5.3        |
| 25–34  | 229                | (28.1)         | 200                         | (29.9)         | 13                                   | (16.5)         | 12                               | (26.1)         | 5.2        |
| 35–44  | 210                | (25.8)         | 172                         | (25.7)         | 16                                   | (20.3)         | 14                               | (30.4)         | 6.7        |
| ≥45  | 238                | (29.2)         | 179                         | (26.8)         | 40                                   | (50.6)         | 13                               | (28.3)         | 5.5        |
| Unknown  | 5                  | (0.6)          | 4                           | (0.6)          | 0                                    | —              | 0                                | —              | —          |
| <b>Race/Ethnicity</b>                                  |                    |                |                             |                |                                      |                |                                  | 0.02           |            |
| White, non-Hispanic                                    | 91                 | (11.2)         | 76                          | (11.4)         | 12                                   | (15.2)         | 1                                | (2.2)          | 1.1        |
| Black, non-Hispanic                                    | 383                | (47.1)         | 292                         | (43.6)         | 48                                   | (60.8)         | 30                               | (65.2)         | 7.8        |
| Hispanic   | 310                | (38.1)         | 282                         | (42.2)         | 11                                   | (13.9)         | 13                               | (28.3)         | 4.2        |
| Other§§  | 30                 | (3.7)          | 19                          | (2.8)          | 8                                    | (10.1)         | 2                                | (4.3)          | 6.7        |
| <b>HIV risk group</b>                                  |                    |                |                             |                |                                      |                |                                  | <0.0001        |            |
| Men who have sex with men¶¶                            | 63                 | (7.7)          | 52                          | (7.8)          | 0                                    | —              | 10                               | (21.7)         | 15.9       |
| Men who have sex with men and are injection-drug users | 27                 | (3.3)          | 16                          | (2.4)          | 1                                    | (1.3)          | 7                                | (15.2)         | 25.9       |
| Injection-drug users                                   | 124                | (15.2)         | 111                         | (16.6)         | 3                                    | (3.8)          | 6                                | (13.0)         | 4.8        |
| Heterosexuals at high risk§                            | 477                | (58.6)         | 427                         | (63.8)         | 18                                   | (22.8)         | 22                               | (47.8)         | 4.6        |
| Other risk factors***                                  | 95                 | (11.7)         | 54                          | (8.1)          | 40                                   | (50.6)         | 0                                | —              | 0          |
| Risk unknown   | 28                 | (3.4)          | 9                           | (1.3)          | 17                                   | (21.5)         | 1                                | (2.2)          | —          |
| <b>Type of recruitment†††</b>                          |                    |                |                             |                |                                      |                |                                  | 0.48           |            |
| Direct   | 748                | (91.9)         | 626                         | (93.6)         | 65                                   | (82.3)         | 41                               | (89.1)         | 5.5        |
| Indirect   | 66                 | (8.1)          | 43                          | (6.4)          | 14                                   | (17.7)         | 5                                | (10.9)         | 7.6        |
| <b>Total</b>   | <b>814</b>         | <b>(100.0)</b> | <b>669</b>                  | <b>(100.0)</b> | <b>79</b>                            | <b>(100.0)</b> | <b>46</b>                        | <b>(100.0)</b> | <b>5.7</b> |

\* San Francisco, California; Washington, DC; Orlando, Florida; Lafayette, Louisiana; Boston, Massachusetts; New York, New York; and Philadelphia, Pennsylvania.

† Eight network associates did not have test results available, and 12 had been identified as HIV positive before the project; therefore, the number of network associates by HIV-test status might not sum to the total for that characteristic.

§ Persons were considered at high risk for HIV if, during the preceding year, they had unprotected sex (i.e., oral, vaginal, or anal) with a person with HIV or AIDS, or a person with unknown HIV status (with or without known risk for HIV); shared drug-injection equipment; had sex in exchange for money or drugs; or had a sexually transmitted disease.

¶ Number of network associates with newly identified HIV infections divided by total number of network associates recruited and tested.

\*\* For chi-square tests assessing the association between network associate characteristics and prevalence of network associates with newly identified HIV infection. Characteristics described as unknown or other were excluded.

†† Persons who identify with or express a gender and/or sex different from their biologic sex.

§§ American Indian/Alaska Native (11), Asian (three), Native Hawaiian/Pacific Islander (three), and other race (12).

¶¶ Includes bisexuals.

\*\*\* Certain risk factors (e.g., recent unprotected sex or general drug use) specified for network associates instead of a primary risk group.

††† Direct: network associate recruited directly by a recruiter; indirect: network associate recruited indirectly through another associate.

refer NAs for CTR. During October 2003–September 2004, CBO staff members in this project interviewed approximately three persons to identify each new case of HIV infection (133 recruiters/46 NAs). For comparison, during 2001, a survey of 22 jurisdictions indicated that health departments, on average, interviewed approximately 14 persons to identify each new case of HIV infection through PCRS (6). Cost data were collected but not analyzed for the project described in this report; further assessment of the effectiveness and cost-effectiveness of the social network strategy is needed.

The findings in this report are subject to at least two limitations. First, few recruiters were enlisted who tested positive for HIV during this project and were previously unaware of their status. Whether this reflects reluctance of newly diagnosed HIV-positive clients to participate in the project or reluctance of CBO staff to suggest participation to persons who have just learned they are HIV positive is unclear. Second, data on linking newly identified HIV-positive persons to medical evaluation, care, and other services are incomplete because of difficulty in tracking and documenting referrals to other agencies.

CDC guidelines recommend that HIV-positive persons be offered PCRS to identify potentially exposed partners on an ongoing basis, rather than limit such efforts to the time of initial diagnosis (7,8). In this project, most HIV-positive recruiters were not newly diagnosed; nevertheless, they were able to recruit a substantial number of NAs with a high rate of newly diagnosed HIV infection, and to do so efficiently. This finding supports the potential efficacy of working with HIV-positive persons on an ongoing basis to identify and offer CTR to others at high risk for HIV infection. However, the finding further suggests that a broader approach, which targets not only sex partners but also others in the HIV-positive person's social, sexual, or drug-using network, might be more cost-effective for identifying persons with HIV infection. Although results are preliminary, further assessment of the social network strategy is warranted.

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## Human Tuberculosis Caused by *Mycobacterium bovis* — New York City, 2001–2004

In March 2004, a U.S.-born boy aged 15 months in New York City (NYC) died of peritoneal tuberculosis (TB) caused by *Mycobacterium bovis* infection. *M. bovis*, a bacterial species of the *M. tuberculosis* complex, is a pathogen that primarily infects cattle. However, humans also can become infected, most

commonly through consumption of unpasteurized milk products from infected cows. In industrialized nations, human TB caused by *M. bovis* is rare because of milk pasteurization and culling of infected cattle herds (1). This report summarizes an ongoing, multiagency\* investigation that has identified 35 cases of human *M. bovis* infection in NYC. Preliminary findings indicate that fresh cheese (e.g., queso fresco) brought to NYC from Mexico was a likely source of infection. No evidence of human-to-human transmission has been found. Products from unpasteurized cow's milk have been associated with certain infectious diseases and carry the risk of transmitting *M. bovis* if imported from countries where the bacterium is common in cattle. All persons should avoid consuming products from unpasteurized cow's milk†.

#### TB Surveillance

Since January 1, 2001, spoligotyping of *M. tuberculosis*-complex isolates from patients with newly diagnosed TB has been conducted routinely in NYC. This rapid genotyping method is primarily used for epidemiologic monitoring; however, spoligotyping also differentiates *M. bovis* from *M. tuberculosis*. Of 4,524 TB cases reported in NYC during 2001–2004, a total of 3,417 (76%) were culture-confirmed; 3,123 (91%) of these had spoligotype results, of which 35 (1%) were *M. bovis*. Twelve (34%) of the *M. bovis* cases were in children aged <15 years (median age: 5 years), and five of the 35 cases (14%) were in children aged <5 years (range: 1–4 years). Of the 35 patients, 20 (57%) were born in Mexico, 11 (31%) in the United States, two (6%) in the Dominican Republic, and one (3%) each in Guatemala and Guyana. Of 23 adult patients (median age: 27 years; range: 16–76 years), 22 (96%) were born abroad; of the 12 patients aged <15 years, 10 (83%) were born in the United States, all of Mexican-born parents. Of the five patients aged <5 years, all had extrapulmonary disease (i.e., three lymphatic and two peritoneal). All five were born in the United States of Mexican-born parents. None had traveled outside of the United States, and no epidemiologic link to other TB cases was discovered.

Twenty-six of the 35 patients received inpatient hospital care. The anatomical site of disease was extrapulmonary in 21 (60%) patients, pulmonary in nine (26%), and both pulmonary and

\* The investigation is led by the NYC Department of Health and Mental Hygiene, in collaboration with the New York State Department of Agriculture and Markets, CDC, the U.S. Department of Agriculture, and the Food and Drug Administration.

† The Food and Drug Administration permits sale of imported or domestic, aged cheeses from unpasteurized milk under certain conditions. (Cheeses and related cheese products, 21 C.F.R. Part 133 [2005]).

extrapulmonary in five (14%) patients. The sputum-smear microscopy results were positive for acid-fast bacilli, indicating potential contagiousness, for eight (57%) of the 14 patients with pulmonary disease. Twenty-five (seven children and 18 adults) of the 35 patients were tested for antibodies to human immunodeficiency virus (HIV). Seven (28%) of those tested had positive HIV results; all were adults, aged 23–51 years (median: 35 years).

The only fatal *M. bovis* case was in the boy aged 15 months. He was treated for diarrhea and fever and received inpatient and outpatient care for 4 weeks, until abdominal distension and tenderness led to laparotomy for presumed ruptured appendicitis. Tuberculous peritonitis was diagnosed on the basis of surgical and microbiologic findings, and treatment for TB was begun. However, the boy died after 4 days of treatment.

During 1995–2004, the number of TB cases reported annually in NYC among Mexican-born persons ranged from 28 to 64. During 2001–2004, a total of 20 (13%) of 155 culture-confirmed TB cases in Mexican-born patients were caused by *M. bovis* infection, compared with 15 (<1%) of 2,925 TB cases (with spoligotype results) in all others. During 2001–2004, a total of 101 TB cases in children aged <5 years were reported; 32 (32%) of the cases were culture-confirmed, and five (16%) of the 32 culture isolates were *M. bovis*.

The standard four-drug regimen for TB consists of isoniazid, rifampin, pyrazinamide, and ethambutol. Since 2003, a fifth drug, streptomycin, is no longer recommended as a first-line alternative to ethambutol (2). Whereas isolates of other species belonging to the *M. tuberculosis* complex usually are susceptible to pyrazinamide, *M. bovis* isolates typically are resistant. In this investigation, of the 35 isolates, 17 (49%) were resistant to pyrazinamide only; 14 (40%) were resistant to pyrazinamide and streptomycin; two (6%) were resistant to pyrazinamide, isoniazid, and streptomycin; one (3%) was resistant to pyrazinamide and isoniazid; and one (3%) had no resistance.

## Laboratory Investigation

Identification of the 35 *M. bovis* isolates was confirmed by genetic deletion analysis. Genotyping determined nine different patterns by spoligotype, three patterns (1–7 bands) by IS6110-based restriction fragment length polymorphism (RFLP), and six patterns by mycobacterial interspersed repetitive units (MIRU). A cluster of 13 cases had identical RFLP (BE4), spoligotype (octal designation 26407377777600) (3), and MIRU (232224253322)

(Figure). Genotyping with polymorphic guanine- and cytosine-rich repeat sequences (PGRS) did not reveal additional clusters. The interpretation of *M. bovis* genotypes for investigating paths of transmission has not been determined.

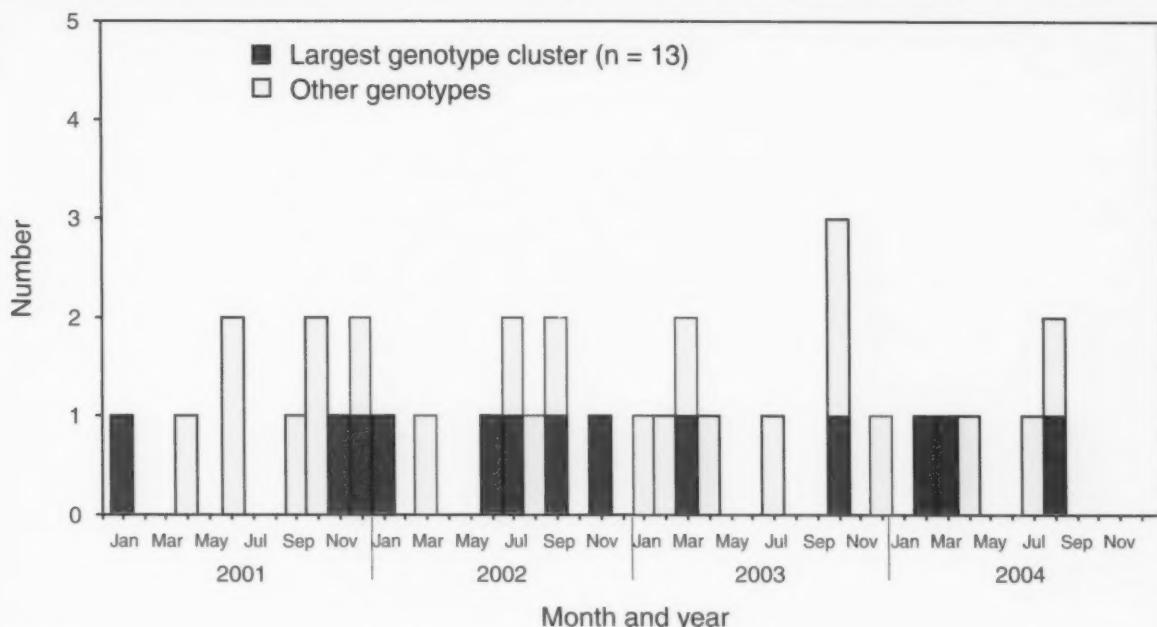
## Epidemiologic Investigation

Of the 35 patients, 23 (66%) patients (or parents of patients) were interviewed regarding exposures associated with *M. bovis* infection. Among the 12 not interviewed, two had died, three had moved back to Mexico, five had their telephones disconnected and attempts to visit them at home were unsuccessful, and two lacked usable locating information. Parents of the 10 U.S.-born children and one of the two children born abroad were interviewed, as were 12 of 22 adults. No linkages that might allow airborne, person-to-person transmission of *M. bovis* were discovered among any of the patients.

Nineteen (83%) of the 23 interviewed reported eating cheeses produced in Mexico while they were living in the United States, including parents of four (80%) of the five children aged <5 years. The cheeses were believed obtained from one or more of the following sources: a courier agency delivering Mexican products, a visitor carrying food in luggage, a Mexican-specialty grocery, or a door-to-door vendor in NYC. Eighteen (78%) of the 23 interviewed did not know whether milk products they consumed were pasteurized. Samples of cheeses produced in Mexico and acquired in NYC are being tested for presence of *M. bovis*.

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**Editorial Note:** *M. bovis* transmission from cattle to humans was once common in the United States, but human infections were virtually eliminated by decades of disease control in cattle herds and by routine pasteurization of cow's milk (1). Now the majority of persons who have *M. bovis* TB come from countries where the infection is prevalent in cattle and where they presumably acquired infection. However, in San Diego, California, during 1980–1997, 34% of culture-confirmed TB cases in children aged <15 years were caused by *M. bovis*; approximately 90% of these children were U.S. born and of Hispanic ethnicity (4). Fresh cheese brought from Mexico is suspected to be one source of infections in these

**FIGURE.** Number\* of reported *Mycobacterium bovis* cases, by month and largest genotype cluster† — New York City, 2001–2004§

\* N = 35.

† Cases had identical restriction fragment length polymorphism (BE4), spoligotype (octal designation 26407377777600), and mycobacterial interspersed repetitive units (232224253322).

§ Data as of October 2004.

children. The investigation in NYC, where the Mexican population tripled to 186,872 during 1990–2000, suggests that fresh cheese from Mexico might account for a high percentage of the 35 cases described in this report; however, further epidemiologic investigations and laboratory results are needed for confirmation.

*M. bovis* causes disease in cattle, deer, and other mammals. In humans, consumption of unpasteurized infected cow's milk products can cause infection. Although human disease caused by *M. bovis* and other species of *M. tuberculosis* complex are similar, the anatomic site of *M. bovis* disease is more often extrapulmonary. Epidemiologic evidence supports the likelihood of human-to-human, airborne *M. bovis* transmission from patients who have pulmonary disease, but its relative contribution to new infections in humans is unknown (5).

The frequency of isoniazid resistance in the cases described in this report was comparable to that previously reported for *M. bovis* in San Diego. Streptomycin resistance, which had not been examined previously for *M. bovis* in the United States, was approximately six times more frequent among the cases

in NYC (16 of 35 isolates) than that reported for *M. tuberculosis* complex previously (6). Continued surveillance for drug resistance is needed to ensure effective treatment.

TB disease is a reportable condition in all U.S. jurisdictions; however, speciation of *M. tuberculosis* complex is not reported nationally. Approximately 80% of cases in the United States are culture confirmed. Systematic speciation was not feasible until the advent of comprehensive genotyping. *M. bovis* also can be distinguished from other species of *M. tuberculosis* complex by its pyrazinamide resistance and by biochemical tests available in reference laboratories; genetic deletion analysis identifies *M. bovis* definitively. The CDC national genotyping program for TB isolates incorporates spoligotype and MIRU, with IS6110 RFLP upon special request. However, RFLP is poorly discriminatory for *M. bovis* because isolates usually have a low number of IS6110 copies. Spoligotype variability among *M. bovis* isolates from the same cattle herd and similar spoligotype patterns from cattle in different regions have been observed (7). MIRU can yield more patterns than RFLP (8). PGRS has been recommended as the method of choice for strain typing of isolates with low copy numbers of IS6110

(9); however, in the NYC investigation, PGRS did not further differentiate clusters among the cases. The matching genotypes that defined the cluster of 13 cases might imply a transmission linkage; however, the significance of genotype clustering among *M. bovis* isolates is undetermined. The ongoing investigation in NYC has determined that human-to-human transmission was an unlikely explanation.

New York and surrounding states are accredited as TB free for *M. bovis* in cattle<sup>§</sup>. Cow's milk products approved for sale in New York state are pasteurized with a few regulated exceptions<sup>¶</sup>. In contrast, a previous study determined that 17% of cattle sampled at meat-processing plants in Mexico were infected with *M. bovis* (10). An estimated 20% of cow's milk in Mexico destined for production of fresh cheese and similar products is not pasteurized. Other pathogens potentially acquired by consuming unpasteurized cow's milk products include *Listeria monocytogenes*, *Salmonella* spp., *Brucella* spp., *Staphylococcus aureus*, and *Escherichia coli*. To prevent infections with these bacteria, consumption of unpasteurized cow's milk products should be avoided\*\*.

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#### Erratum: Vol. 54, No. 23

In the report, "Seroprevalence of Poliovirus Antibodies Among Children in a Dominican Community — Puerto Rico, 2002," an error occurred in the second sentence of the final paragraph of the Editorial Note on page 581. The sentence should read, "The study described in this report included children who were vaccinated with OPV and children who were vaccinated after the all-IPV schedule was implemented in Puerto Rico on January 1, 2001."

#### Errata: Vol. 53, No. SS-2

In the *MMWR Surveillance Summary*, "Youth Risk Behavior Surveillance — United States, 2003," the following errors occurred in the overweight and at risk for overweight data.

On page 1, the last sentence of the abstract under "Results and Interpretation" should read, "In 2003, a total of 21.9% of high school students had smoked cigarettes during the 30 days preceding the survey; 78% had not eaten >5 servings/day of fruits and vegetables during the 7 days preceding the survey; 33.4% had participated in an insufficient amount of physical activity; and 12.1% were overweight.

On page 25, the text should read as follows:

#### Overweight and Weight Control

##### At Risk for Overweight

Nationwide, 14.8% of students were at risk for becoming overweight (Table 58). Overall, the prevalence of being at risk for overweight was higher among black (18.2%) and Hispanic (17.4%) than white (13.3%) students; higher among black female (21.2%) than white female (12.4%) and Hispanic female (15.7%) students; and higher among Hispanic male (19.1%) than white male (14.0%) students. Overall, the prevalence of being at risk for overweight was higher among 11<sup>th</sup> grade (16.5%) than 12<sup>th</sup> grade (13.7%) students and higher among 11<sup>th</sup> grade female (16.1%) than 12<sup>th</sup> grade female (12.0%) students. Prevalence of being at risk for overweight ranged from 11.0% to 16.7% across state surveys (median: 14.5%) and from 14.2% to 20.9% across local surveys (17.4%) (Table 59).

<sup>§</sup> Accredited-free states or zones, 9 C.F.R. Sect. 77.7 (2003).

<sup>¶</sup> New York Codes, Rules, and Regulations. Title 1, Department of Agriculture and Markets; chapter I, milk control; subchapter A, dairy products; part 2, requirement for the production, processing, manufacturing, and distribution of milk and milk products.

<sup>\*\*</sup> 21 C.F.R. Part 133 (2005).

## Overweight

Nationwide, 12.1% of students were overweight (Table 58). Overall, the prevalence of being overweight was higher among male (15.7%) than female (8.3%) students; higher among white male (14.0%) and Hispanic male (21.3%) than white female (6.5%) and Hispanic female (11.5%) students, respectively; and higher among 9<sup>th</sup> grade male (17.8%), 10<sup>th</sup> grade male (15.6%), 11<sup>th</sup> grade male (15.4%), and 12<sup>th</sup> grade male (13.0%) than 9<sup>th</sup> grade female (10.5%), 10<sup>th</sup> grade female (8.2%), 11<sup>th</sup> grade female (7.4%), and 12<sup>th</sup> grade female (6.7%) students, respectively. Overall, the prevalence of being overweight was higher among black (16.2%) and Hispanic (16.4%) than white (10.4%) students; higher among black female (14.2%) and Hispanic female (11.5%) than white female (6.5%) students; and higher among black male (18.2%) and Hispanic male (21.3%) than white male (14.0%) students.

Overall, the prevalence of being overweight was higher among 9<sup>th</sup> grade (14.3%) and 10<sup>th</sup> grade (12.0%) than 12<sup>th</sup> grade (9.9%) students; higher among 9<sup>th</sup> grade (14.3%) than 11<sup>th</sup> grade (11.5%) students; higher among 9<sup>th</sup> grade female (10.5%) than 11<sup>th</sup> grade female (7.4%) and 12<sup>th</sup> grade female (6.7%) students; and higher among 9<sup>th</sup> grade male (17.8%) than 12<sup>th</sup> grade male (13.0%) students. Prevalence of being overweight ranged from 7.0% to 15.7% across state surveys (median: 11.1%) and from 9.3% to 20.5% across local surveys (median: 13.8%) (Table 59) (Figure 8).

On page 28, the last sentence of the first paragraph under "Discussion" should read, "In addition, 6.6 million high school students had ever had sexual intercourse, and 1.7 million were overweight."

On page 87, Table 58 should be replaced by the following table:

**TABLE 58. Percentage of high school students who were at risk for becoming\* or were overweight,<sup>†</sup> by sex, race/ethnicity, and grade — United States, Youth Risk Behavior Survey, 2003**

| Category              | At risk for becoming overweight |                     |             |            |             |            | Overweight |            |             |            |             |            |
|-----------------------|---------------------------------|---------------------|-------------|------------|-------------|------------|------------|------------|-------------|------------|-------------|------------|
|                       | Female                          |                     | Male        |            | Total       |            | Female     |            | Male        |            | Total       |            |
|                       | %                               | CI <sup>§</sup> (±) | %           | CI (±)     | %           | CI (±)     | %          | CI (±)     | %           | CI (±)     | %           | CI (±)     |
| <b>Race/Ethnicity</b> |                                 |                     |             |            |             |            |            |            |             |            |             |            |
| White <sup>¶</sup>    | 12.4                            | 1.7                 | 14.0        | 1.8        | 13.3        | 1.2        | 6.5        | 1.7        | 14.0        | 2.2        | 10.4        | 1.8        |
| Black <sup>¶</sup>    | 21.2                            | 4.3                 | 15.1        | 3.0        | 18.2        | 2.0        | 14.2       | 2.4        | 18.2        | 2.5        | 16.2        | 1.4        |
| Hispanic              | 15.7                            | 2.5                 | 19.1        | 2.9        | 17.4        | 2.0        | 11.5       | 2.9        | 21.3        | 3.2        | 16.4        | 2.5        |
| <b>Grade</b>          |                                 |                     |             |            |             |            |            |            |             |            |             |            |
| 9                     | 14.5                            | 2.0                 | 14.3        | 2.7        | 14.4        | 1.7        | 10.5       | 2.0        | 17.8        | 2.9        | 14.3        | 2.3        |
| 10                    | 14.8                            | 2.5                 | 14.8        | 2.0        | 14.8        | 1.6        | 8.2        | 2.4        | 15.6        | 1.8        | 12.0        | 1.7        |
| 11                    | 16.1                            | 2.7                 | 16.8        | 2.5        | 16.5        | 1.5        | 7.4        | 1.5        | 15.4        | 3.1        | 11.5        | 1.9        |
| 12                    | 12.0                            | 2.4                 | 15.5        | 2.0        | 13.7        | 1.2        | 6.7        | 1.7        | 13.0        | 2.2        | 9.9         | 1.5        |
| <b>Total</b>          | <b>14.4</b>                     | <b>1.2</b>          | <b>15.2</b> | <b>1.3</b> | <b>14.8</b> | <b>0.7</b> | <b>8.3</b> | <b>1.4</b> | <b>15.7</b> | <b>1.5</b> | <b>12.1</b> | <b>1.3</b> |

\* Students who were  $\geq 85^{\text{th}}$  percentile but  $< 95^{\text{th}}$  percentile for body mass index, by age and sex, based on reference data.

<sup>†</sup> Students who were  $\geq 95^{\text{th}}$  percentile for body mass index, by age and sex, based on reference data.

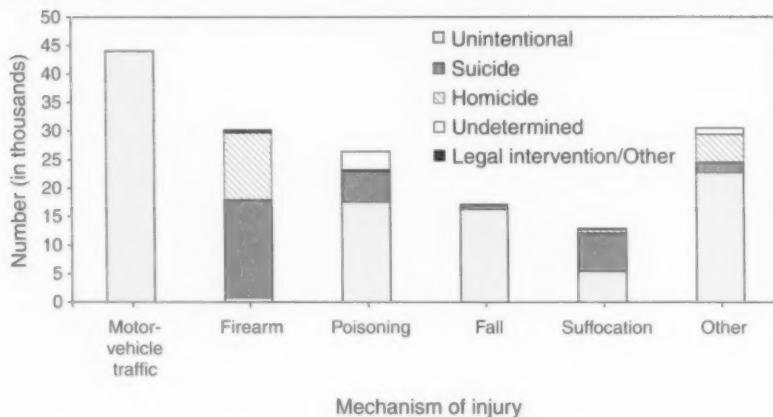
<sup>§</sup> 95% confidence interval.

<sup>¶</sup> Non-Hispanic.

## QuickStats

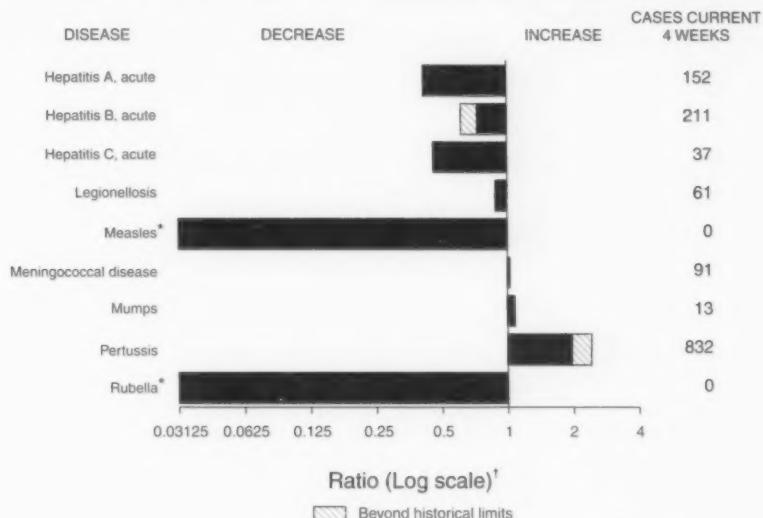
FROM THE NATIONAL CENTER FOR HEALTH STATISTICS

### Number of Injury Deaths, by Mechanism and Intent — United States, 2002



In 2002, the five leading mechanisms of injury death accounted for 81% of all 161,629 injury deaths: motor-vehicle traffic (MVT) (27%), firearm (19%), poisoning (16%), fall (11%), and suffocation (8%). All MVT-related and nearly all fall deaths were classified as unintentional. Of the firearm deaths, 57% were suicides, and 39% were homicides. Two thirds of poisonings were unintentional. Half of suffocations were suicides, and 43% were unintentional. Additional information is available at <http://www.cdc.gov/nchs/injury.htm>.

Source: Kochanek KD, Murphy SL, Anderson RN. Deaths: final data for 2002. Natl Vital Stat Rep 2004;53(5).

**FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals June 18, 2005, with historical data**

† Ratio of current 4-week total to mean of 15 4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

**TABLE I. Summary of provisional cases of selected notifiable diseases, United States, cumulative, week ending June 18, 2005 (24th Week)\***

| Disease                              | Cum.<br>2005 | Cum.<br>2004 | Disease                                     | Cum.<br>2005 | Cum.<br>2004 |
|--------------------------------------|--------------|--------------|---|--------------|--------------|
| Anthrax                              | —            | —            | Hemolytic uremic syndrome, postdiarrheal†   | 56           | 46           |
| Botulism:                            |              |              | HIV infection, pediatric†‡                  | 150          | 160          |
| foodborne                            | 5            | 6            | Influenza-associated pediatric mortality*** | 36           | —            |
| infant                               | 24           | 35           | Measles                                     | 16††         | 17§§         |
| other (wound & unspecified)          | 10           | 4            | Mumps                                       | 122          | 103          |
| Brucellosis                          | 41           | 42           | Plague                                      | 2            | —            |
| Chancroid                            | 11           | 22           | Poliomyelitis, paralytic                    | —            | —            |
| Cholera                              | 1            | 4            | Psittacosis†                                | 9            | 6            |
| Cyclosporiasis†                      | 487          | 98           | Q fever†                                    | 39           | 33           |
| Diphtheria                           | —            | —            | Rabies, human                               | 1            | —            |
| Domestic arboviral diseases          |              |              | Rubella                                     | 4            | 9            |
| (neuroinvasive & non-neuroinvasive): |              |              | Rubella, congenital syndrome                | 1            | —            |
| California serogroup†§               | —            | 7            | SARS† **                                    | —            | —            |
| eastern equine†§                     | —            | —            | Smallpox†                                   | —            | —            |
| Powassan†§                           | —            | —            | Staphylococcus aureus:                      |              |              |
| St. Louis†§                          | —            | 1            | Vancomycin-intermediate (VISA)†             | —            | —            |
| western equine†§                     | —            | —            | Vancomycin-resistant (VRSA)†                | —            | 1            |
| Ehrlichiosis:                        |              |              | Streptococcal toxic-shock syndrome†         | 75           | 86           |
| human granulocytic (HGE)†            | 49           | 78           | Tetanus                                     | 8            | 9            |
| human monocytic (HME)†               | 45           | 54           | Toxic-shock syndrome                        | 43           | 43           |
| human, other and unspecified †       | 13           | 9            | Trichinellosis†¶                            | 5            | —            |
| Hansen disease†                      | 30           | 46           | Tularemia†                                  | 30           | 27           |
| Hantavirus pulmonary syndrome†       | 8            | 6            | Yellow fever                                | —            | —            |

—: No reported cases.

\* Incidence data for reporting years 2004 and 2005 are provisional and cumulative (year-to-date).

† Not notifiable in all states.

§ Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Infectious Diseases (ArboNet Surveillance).

¶ Updated monthly from reports to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention. Last update May 29, 2005.

\*\* Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases.

†† Of 16 cases reported, 10 were indigenous and six were imported from another country.

§§ Of 17 cases reported, five were indigenous and 12 were imported from another country.

¶¶ Formerly Trichinosis.

**TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending June 18, 2005, and June 19, 2004  
(24th Week)\***

| Reporting area     | AIDS          |              | Chlamydia†   |              | Coccidioidomycosis |              | Cryptosporidiosis |              |
|--------------------|---------------|--------------|--------------|--------------|--------------------|--------------|-------------------|--------------|
|                    | Cum.<br>2005‡ | Cum.<br>2004 | Cum.<br>2005 | Cum.<br>2004 | Cum.<br>2005       | Cum.<br>2004 | Cum.<br>2005      | Cum.<br>2004 |
| UNITED STATES      | 16,504        | 17,900       | 403,105      | 420,887      | 1,937              | 2,489        | 836               | 1,104        |
| NEW ENGLAND        | 673           | 598          | 14,119       | 14,015       | —                  | —            | 45                | 67           |
| Maine              | 8             | 5            | 938          | 893          | N                  | N            | 6                 | 13           |
| N.H.               | 10            | 23           | 856          | 771          | —                  | —            | 7                 | 14           |
| Vt. <sup>‡</sup>   | 4             | 13           | 464          | 530          | —                  | —            | 10                | 7            |
| Mass.              | 331           | 184          | 6,461        | 6,178        | —                  | —            | 15                | 22           |
| R.I.               | 68            | 66           | 1,415        | 1,661        | —                  | —            | 1                 | 2            |
| Conn.              | 252           | 307          | 3,985        | 3,982        | N                  | N            | 6                 | 9            |
| MID. ATLANTIC      | 3,059         | 4,097        | 48,827       | 52,097       | —                  | —            | 120               | 180          |
| Upstate N.Y.       | 318           | 472          | 10,242       | 10,223       | N                  | N            | 32                | 36           |
| N.Y. City          | 1,725         | 2,310        | 16,654       | 15,970       | —                  | —            | 28                | 55           |
| N.J.               | 472           | 672          | 5,227        | 8,368        | N                  | N            | 7                 | 14           |
| Pa.                | 544           | 643          | 16,704       | 17,536       | N                  | N            | 53                | 75           |
| E.N. CENTRAL       | 1,387         | 1,470        | 61,254       | 75,761       | 4                  | 5            | 175               | 278          |
| Ohio               | 209           | 229          | 15,572       | 19,608       | N                  | N            | 62                | 65           |
| Ind.               | 198           | 194          | 9,156        | 8,384        | N                  | N            | 11                | 31           |
| Ill.               | 664           | 702          | 18,381       | 21,459       | —                  | —            | 12                | 45           |
| Mich.              | 246           | 263          | 10,835       | 17,899       | 4                  | 5            | 28                | 51           |
| Wis.               | 70            | 82           | 7,310        | 8,411        | N                  | N            | 62                | 86           |
| W.N. CENTRAL       | 394           | 327          | 24,167       | 25,525       | 3                  | 4            | 127               | 130          |
| Minn.              | 104           | 78           | 3,856        | 5,370        | 3                  | N            | 37                | 51           |
| Iowa               | 48            | 26           | 2,951        | 3,082        | N                  | N            | 20                | 18           |
| Mo.                | 163           | 127          | 10,209       | 9,358        | —                  | 3            | 47                | 20           |
| N. Dak.            | 5             | 13           | 472          | 895          | N                  | N            | —                 | 6            |
| S. Dak.            | 9             | 5            | 1,283        | 1,124        | —                  | —            | 11                | 16           |
| Nebr. <sup>‡</sup> | 18            | 21           | 2,393        | 2,370        | —                  | 1            | 1                 | 7            |
| Kans.              | 47            | 57           | 3,003        | 3,326        | N                  | N            | 11                | 12           |
| S. ATLANTIC        | 5,315         | 5,616        | 77,582       | 78,700       | —                  | —            | 160               | 197          |
| Del.               | 81            | 80           | 1,508        | 1,348        | N                  | N            | —                 | —            |
| Md.                | 637           | 684          | 8,242        | 8,540        | —                  | —            | 11                | 9            |
| D.C.               | 407           | 332          | 1,727        | 1,666        | —                  | —            | 2                 | 4            |
| Va. <sup>‡</sup>   | 273           | 282          | 9,241        | 9,924        | —                  | —            | 13                | 23           |
| W. Va.             | 30            | 30           | 1,121        | 1,288        | N                  | N            | 4                 | 2            |
| N.C.               | 399           | 295          | 15,218       | 13,236       | N                  | N            | 24                | 36           |
| S.C. <sup>‡</sup>  | 287           | 328          | 9,699        | 8,451        | —                  | —            | 7                 | 9            |
| Ga.                | 896           | 779          | 11,345       | 14,809       | —                  | —            | 42                | 59           |
| Fla.               | 2,305         | 2,806        | 19,481       | 19,438       | N                  | N            | 66                | 55           |
| E.S. CENTRAL       | 896           | 815          | 28,417       | 26,326       | —                  | 3            | 23                | 46           |
| Ky.                | 118           | 68           | 4,852        | 2,500        | N                  | N            | 8                 | 14           |
| Tenn. <sup>‡</sup> | 369           | 365          | 10,108       | 10,314       | N                  | N            | 4                 | 13           |
| Ala. <sup>‡</sup>  | 244           | 202          | 4,062        | 6,380        | —                  | —            | 10                | 11           |
| Miss.              | 165           | 180          | 9,395        | 7,132        | —                  | 3            | 1                 | 8            |
| W.S. CENTRAL       | 1,896         | 2,355        | 51,088       | 53,812       | —                  | 2            | 22                | 43           |
| Ark.               | 71            | 88           | 3,982        | 3,756        | —                  | 1            | 1                 | 7            |
| La.                | 370           | 444          | 8,664        | 12,040       | —                  | 1            | 3                 | —            |
| Oklahoma           | 113           | 87           | 4,795        | 4,991        | N                  | N            | 10                | 11           |
| Tex. <sup>‡</sup>  | 1,342         | 1,736        | 33,647       | 33,025       | N                  | N            | 8                 | 25           |
| MOUNTAIN           | 643           | 612          | 24,493       | 23,248       | 1,283              | 1,507        | 51                | 49           |
| Mont.              | 4             | —            | 972          | 1,185        | N                  | N            | 8                 | 10           |
| Idaho <sup>‡</sup> | 7             | 10           | 1,054        | 1,343        | N                  | N            | 3                 | 4            |
| Wyo.               | 1             | 6            | 501          | 491          | 2                  | —            | 2                 | 2            |
| Colo.              | 127           | 133          | 6,336        | 6,071        | N                  | N            | 18                | 23           |
| N. Mex.            | 60            | 88           | 1,945        | 3,961        | 3                  | 10           | 2                 | 2            |
| Ariz.              | 258           | 198          | 8,842        | 6,254        | 1,245              | 1,461        | 4                 | 6            |
| Utah               | 33            | 31           | 1,864        | 1,555        | 2                  | 6            | 7                 | 1            |
| Nev. <sup>‡</sup>  | 153           | 146          | 2,979        | 2,388        | 31                 | 30           | 7                 | 1            |
| PACIFIC            | 2,241         | 2,010        | 73,158       | 71,403       | 647                | 968          | 104               | 114          |
| Wash.              | 196           | 165          | 8,768        | 8,058        | N                  | N            | 5                 | —            |
| Oreg. <sup>‡</sup> | 117           | 110          | 3,966        | 3,693        | —                  | —            | 18                | 14           |
| Calif.             | 1,865         | 1,676        | 56,517       | 55,262       | 647                | 968          | 81                | 98           |
| Alaska             | 10            | 13           | 1,782        | 1,781        | —                  | —            | —                 | —            |
| Hawaii             | 53            | 46           | 2,125        | 2,609        | —                  | —            | —                 | 2            |
| Guam               | 1             | —            | —            | 660          | —                  | —            | —                 | —            |
| P.R.               | 335           | 208          | 2,029        | 1,657        | N                  | N            | N                 | N            |
| V.I.               | 8             | 5            | 32           | 173          | —                  | —            | —                 | —            |
| Amer. Samoa        | U             | U            | U            | U            | U                  | U            | U                 | U            |
| C.N.M.I.           | 2             | U            | —            | U            | —                  | U            | —                 | U            |

N: Not notifiable.

U: Unavailable.

—: No reported cases.

C.N.M.I.: Commonwealth of Northern Mariana Islands.

\* Incidence data for reporting years 2004 and 2005 are provisional and cumulative (year-to-date).

<sup>†</sup> Chlamydia refers to genital infections caused by *C. trachomatis*.<sup>‡</sup> Updated monthly from reports to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention. Last update May 29, 2005.<sup>§</sup> Contains data reported through National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending June 18, 2005, and June 19, 2004  
(24th Week)\*

| Reporting area | Escherichia coli, Enterohemorrhagic (EHEC) |              |  |              |                                       |              | Giardiasis   |              | Gonorrhea    |              |
|----------------|--|--------------|--|--------------|---------------------------------------|--------------|--------------|--------------|--------------|--------------|
|                | O157:H7                                    |              | Shiga toxin positive, serogroup non-O157 |              | Shiga toxin positive, not serogrouped |              |              |              |              |              |
|                | Cum.<br>2005                               | Cum.<br>2004 | Cum.<br>2005                             | Cum.<br>2004 | Cum.<br>2005                          | Cum.<br>2004 | Cum.<br>2005 | Cum.<br>2004 | Cum.<br>2005 | Cum.<br>2004 |
| UNITED STATES  | 546  | 629          | 73                                       | 106          | 77                                    | 58           | 6,528        | 7,329        | 134,461      | 145,875      |
| NEW ENGLAND    | 40   | 44           | 21                                       | 25           | 9                                     | 7            | 587          | 677          | 2,690        | 3,248        |
| Maine          | 5  | 2            | 5  | —            | —                                     | —            | 68           | 63           | 57           | 120          |
| N.H.           | 4  | 7            | 1  | 5            | —                                     | —            | 27           | 18           | 72           | 59           |
| Vt.            | 3  | 1            | —  | —            | —                                     | —            | 69           | 53           | 24           | 42           |
| Mass.          | 16   | 23           | 6  | 8            | 9                                     | 7            | 245          | 308          | 1,236        | 1,393        |
| R.I.           | 1  | 5            | —  | —            | —                                     | —            | 35           | 54           | 229          | 427          |
| Conn.          | 11   | 6            | 9  | 12           | —                                     | —            | 143          | 181          | 1,072        | 1,207        |
| MID. ATLANTIC  | 60   | 77           | 3  | 14           | 9                                     | 11           | 1,234        | 1,620        | 13,908       | 16,573       |
| Upstate N.Y.   | 24   | 28           | 3  | 5            | 3                                     | 3            | 424          | 494          | 2,865        | 3,342        |
| N.Y. City      | 2  | 12           | —  | —            | —                                     | —            | 321          | 506          | 4,290        | 5,126        |
| N.J.           | 12   | 15           | —  | 3            | —                                     | 4            | 166          | 211          | 1,960        | 3,111        |
| Pa.            | 22   | 22           | —  | 6            | 6                                     | 4            | 323          | 409          | 4,793        | 4,994        |
| E.N. CENTRAL   | 95   | 125          | 9  | 19           | 4                                     | 7            | 957          | 1,113        | 24,113       | 31,226       |
| Ohio           | 37   | 26           | 1  | 4            | 2                                     | 6            | 273          | 332          | 7,196        | 9,937        |
| Ind.           | 10   | 12           | —  | —            | —                                     | —            | N            | N            | 3,554        | 2,866        |
| Ill.           | 14   | 31           | 1  | 1            | —                                     | 1            | 183          | 352          | 7,330        | 9,073        |
| Mich.          | 17   | 22           | —  | 4            | 2                                     | —            | 277          | 255          | 4,052        | 7,259        |
| Wis.           | 17   | 34           | 7  | 10           | —                                     | —            | 224          | 174          | 1,981        | 2,091        |
| W.N. CENTRAL   | 78   | 103          | 15                                       | 16           | 10                                    | 12           | 819          | 806          | 7,691        | 7,542        |
| Minn.          | 9  | 28           | 4  | 7            | 2                                     | 2            | 409          | 276          | 1,098        | 1,337        |
| Iowa           | 14   | 24           | —  | —            | —                                     | —            | 87           | 107          | 643          | 560          |
| Mo.            | 28   | 18           | 7  | 7            | 3                                     | 3            | 172          | 229          | 4,145        | 3,831        |
| N. Dak.        | 1  | 3            | —  | —            | —                                     | 4            | 1            | 11           | 24           | 62           |
| S. Dak.        | 3  | 5            | 1  | —            | —                                     | —            | 36           | 28           | 175          | 121          |
| Nebr.          | 7  | 13           | 3  | 2            | 3                                     | —            | 42           | 57           | 576          | 494          |
| Kans.          | 16   | 12           | —  | —            | 2                                     | 3            | 72           | 98           | 1,030        | 1,137        |
| S. ATLANTIC    | 81   | 61           | 12                                       | 11           | 36                                    | 10           | 947          | 1,131        | 33,033       | 34,882       |
| Del.           | —  | —            | N  | N            | N                                     | N            | 11           | 23           | 368          | 430          |
| Md.            | 14   | 16           | 2  | 2            | —                                     | 2            | 69           | 42           | 3,076        | 3,634        |
| D.C.           | —  | 1            | —  | —            | —                                     | —            | 20           | 32           | 924          | 1,139        |
| Va.            | 8  | 6            | 6  | 6            | 8                                     | —            | 225          | 162          | 3,166        | 3,989        |
| W. Va.         | 1  | 1            | —  | —            | 19                                    | 6            | 13           | 12           | 329          | 380          |
| N.C.           | —  | —            | —  | —            | —                                     | —            | 31           | 41           | 4,141        | 4,133        |
| S.C.           | 1  | 5            | —  | —            | —                                     | —            | 220          | 358          | 4,980        | 6,294        |
| Ga.            | 11   | 14           | 2  | 1            | —                                     | —            | 358          | 461          | 8,571        | 7,928        |
| Fla.           | 46   | 18           | 2  | 2            | 9                                     | 2            | —            | —            | —            | —            |
| E.S. CENTRAL   | 35   | 43           | —  | 2            | 5                                     | 7            | 164          | 162          | 10,461       | 11,368       |
| Ky.            | 8  | 10           | —  | 1            | 4                                     | 4            | N            | N            | 1,515        | 1,091        |
| Tenn.          | 15   | 13           | —  | —            | 1                                     | 3            | 82           | 80           | 3,592        | 3,691        |
| Ala.           | 11   | 12           | —  | —            | —                                     | —            | 82           | 82           | 2,455        | 3,653        |
| Miss.          | 1  | 8            | —  | 1            | —                                     | —            | —            | —            | 2,899        | 2,933        |
| W.S. CENTRAL   | 17   | 37           | 2  | 1            | 3                                     | 4            | 96           | 124          | 20,208       | 20,131       |
| Ark.           | 3  | 8            | —  | —            | —                                     | —            | 36           | 53           | 2,049        | 1,862        |
| La.            | 3  | 2            | 2  | —            | 2                                     | —            | 14           | 21           | 4,766        | 5,443        |
| Okla.          | 4  | 5            | —  | —            | —                                     | —            | 46           | 50           | 1,974        | 2,094        |
| Tex.           | 7  | 22           | —  | 1            | 1                                     | 4            | N            | N            | 11,419       | 10,732       |
| MOUNTAIN       | 54   | 58           | 10                                       | 17           | 1                                     | —            | 493          | 546          | 5,025        | 5,037        |
| Mont.          | 3  | 3            | —  | —            | —                                     | —            | 16           | 18           | 53           | 47           |
| Idaho          | 7  | 14           | 5  | 3            | —                                     | —            | 39           | 75           | 40           | 35           |
| Wyo.           | —  | —            | 1  | 1            | —                                     | —            | 10           | 7            | 27           | 25           |
| Colo.          | 15   | 14           | 1  | 1            | —                                     | —            | 181          | 179          | 1,263        | 1,452        |
| N. Mex.        | 2  | 6            | 3  | 3            | —                                     | —            | 16           | 33           | 349          | 462          |
| Ariz.          | 11   | 6            | N  | N            | N                                     | N            | 67           | 80           | 1,871        | 1,731        |
| Utah           | 8  | 7            | —  | 8            | —                                     | —            | 132          | 112          | 294          | 228          |
| Nev.           | 8  | 8            | —  | 1            | 1                                     | —            | 32           | 42           | 1,128        | 1,057        |
| PACIFIC        | 86   | 81           | 1  | 1            | —                                     | —            | 1,231        | 1,150        | 17,332       | 15,868       |
| Wash.          | 21   | 26           | —  | —            | —                                     | —            | 116          | 115          | 1,620        | 1,230        |
| Oreg.          | 21   | 12           | 1  | 1            | —                                     | —            | 105          | 173          | 716          | 468          |
| Calif.         | 37   | 39           | —  | —            | —                                     | —            | 951          | 796          | 14,364       | 13,243       |
| Alaska         | 4  | 1            | —  | —            | —                                     | —            | 33           | 27           | 241          | 293          |
| Hawaii         | 3  | 3            | —  | —            | —                                     | —            | 26           | 39           | 391          | 634          |
| Guam           | N  | N            | —  | —            | —                                     | —            | —            | 2            | —            | 106          |
| P.R.           | —  | —            | —  | —            | —                                     | —            | 11           | 81           | 192          | 128          |
| V.I.           | —  | —            | —  | —            | —                                     | —            | —            | —            | 2            | 62           |
| Amer. Samoa    | U  | U            | U  | U            | U                                     | U            | U            | U            | U            | U            |
| C.N.M.I.       | —  | U            | —  | U            | —                                     | U            | —            | U            | —            | U            |

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

\* Incidence data for reporting years 2004 and 2005 are provisional and cumulative (year-to-date).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending June 18, 2005, and June 19, 2004  
(24th Week)\*

| Reporting area | Haemophilus influenzae, invasive |              |              |              |                |              |                  |              |
|----------------|----------------------------------|--------------|--------------|--------------|----------------|--------------|------------------|--------------|
|                | All ages                         |              | Age <5 years |              |                |              |                  |              |
|                | All serotypes                    |              | Serotype b   | Cum.<br>2004 | Non-serotype b | Cum.<br>2004 | Unknown serotype | Cum.<br>2004 |
|                | Cum.<br>2005                     | Cum.<br>2004 | Cum.<br>2005 | Cum.<br>2004 | Cum.<br>2005   | Cum.<br>2004 | Cum.<br>2005     | Cum.<br>2004 |
| UNITED STATES  | 1,077                            | 1,052        | 2            | 8            | 58             | 57           | 108              | 102          |
| NEW ENGLAND    | 78                               | 102          | —            | 1            | 6              | 6            | 4                | 1            |
| Maine          | 4                                | 7            | —            | —            | —              | —            | 1                | —            |
| N.H.           | 3                                | 12           | —            | —            | —              | 2            | —                | 1            |
| Vt.            | 6                                | 5            | —            | —            | —              | —            | 2                | 1            |
| Mass.          | 33                               | 52           | —            | 1            | 1              | 2            | —                | —            |
| R.I.           | 6                                | 3            | —            | —            | 2              | —            | —                | —            |
| Conn.          | 26                               | 23           | —            | —            | 3              | 2            | —                | —            |
| MID. ATLANTIC  | 214                              | 214          | —            | 1            | —              | 3            | 26               | 27           |
| Upstate N.Y.   | 60                               | 70           | —            | 1            | —              | 3            | 5                | 4            |
| N.Y. City      | 36                               | 46           | —            | —            | —              | —            | 8                | 9            |
| N.J.           | 43                               | 38           | —            | —            | —              | —            | 7                | 2            |
| Pa.            | 75                               | 60           | —            | —            | —              | —            | 6                | 12           |
| E.N. CENTRAL   | 144                              | 198          | 1            | —            | 1              | 8            | 9                | 28           |
| Ohio           | 74                               | 64           | —            | —            | —              | 2            | 7                | 10           |
| Ind.           | 39                               | 30           | —            | —            | 1              | 4            | 1                | 1            |
| Ill.           | 13                               | 63           | —            | —            | —              | —            | 1                | 14           |
| Mich.          | 11                               | 12           | 1            | —            | —              | 2            | —                | 3            |
| Wis.           | 7                                | 29           | —            | —            | —              | —            | —                | —            |
| W.N. CENTRAL   | 58                               | 54           | —            | 2            | 3              | 3            | 8                | 5            |
| Minn.          | 21                               | 24           | —            | 1            | 3              | 3            | —                | —            |
| Iowa           | —                                | 1            | —            | 1            | —              | —            | —                | 4            |
| Mo.            | 28                               | 18           | —            | —            | —              | —            | 1                | 4            |
| N. Dak.        | 1                                | 3            | —            | —            | —              | —            | —                | —            |
| S. Dak.        | —                                | —            | —            | —            | —              | —            | —                | —            |
| Nebr.          | 4                                | 2            | —            | —            | —              | —            | 1                | —            |
| Kans.          | 4                                | 6            | —            | —            | —              | —            | —                | 1            |
| S. ATLANTIC    | 253                              | 238          | —            | —            | 16             | 15           | 13               | 16           |
| Del.           | —                                | —            | —            | —            | —              | —            | —                | —            |
| Md.            | 38                               | 40           | —            | —            | 4              | 3            | —                | —            |
| D.C.           | —                                | 2            | —            | —            | —              | —            | —                | 1            |
| Va.            | 26                               | 21           | —            | —            | —              | —            | —                | —            |
| W. Va.         | 14                               | 10           | —            | —            | 1              | 3            | 2                | —            |
| N.C.           | 41                               | 30           | —            | —            | 5              | 4            | —                | —            |
| S.C.           | 10                               | 6            | —            | —            | —              | —            | 1                | —            |
| Ga.            | 53                               | 70           | —            | —            | —              | —            | 6                | 14           |
| Fla.           | 71                               | 59           | —            | —            | 6              | 5            | 4                | —            |
| E.S. CENTRAL   | 66                               | 40           | —            | —            | 1              | —            | 12               | 7            |
| Ky.            | 6                                | 3            | —            | —            | 1              | —            | 1                | —            |
| Tenn.          | 46                               | 26           | —            | —            | —              | —            | 7                | 5            |
| Ala.           | 14                               | 11           | —            | —            | —              | —            | 4                | 2            |
| Miss.          | —                                | —            | —            | —            | —              | —            | —                | —            |
| W.S. CENTRAL   | 63                               | 39           | 1            | 1            | 4              | 5            | 6                | 1            |
| Ark.           | 2                                | 1            | —            | —            | —              | —            | —                | 1            |
| La.            | 26                               | 9            | 1            | —            | 2              | —            | 6                | 1            |
| Okl.           | 35                               | 28           | —            | —            | 2              | 5            | —                | —            |
| Tex.           | —                                | 1            | —            | 1            | —              | —            | —                | —            |
| MOUNTAIN       | 152                              | 119          | —            | 3            | 15             | 13           | 24               | 12           |
| Mont.          | —                                | —            | —            | —            | —              | —            | —                | 2            |
| Idaho          | 3                                | 5            | —            | —            | —              | —            | 1                | —            |
| Wyo.           | 2                                | —            | —            | —            | —              | —            | —                | 3            |
| Colo.          | 28                               | 29           | —            | —            | —              | —            | 5                | 4            |
| N. Mex.        | 13                               | 25           | —            | —            | 4              | 4            | 1                | 9            |
| Ariz.          | 82                               | 43           | —            | —            | 9              | 6            | 1                | 1            |
| Utah           | 11                               | 8            | —            | 2            | —              | 6            | 2                | 1            |
| Nev.           | 13                               | 9            | —            | 1            | 2              | 2            | —                | 1            |
| PACIFIC        | 49                               | 48           | —            | —            | 12             | 4            | 6                | 5            |
| Wash.          | —                                | 1            | —            | —            | —              | —            | —                | 1            |
| Oreg.          | 20                               | 25           | —            | —            | —              | —            | 4                | 2            |
| Calif.         | 21                               | 15           | —            | —            | 12             | 4            | 1                | 1            |
| Alaska         | 3                                | 3            | —            | —            | —              | —            | 1                | 1            |
| Hawaii         | 5                                | 4            | —            | —            | —              | —            | —                | —            |
| Guam           | —                                | —            | —            | —            | —              | —            | —                | —            |
| P.R.           | —                                | —            | —            | —            | —              | —            | —                | —            |
| V.I.           | —                                | —            | —            | —            | —              | —            | —                | —            |
| Amer. Samoa    | U                                | U            | U            | U            | U              | U            | U                | U            |
| C.N.M.I.       | —                                | —            | —            | —            | —              | —            | —                | —            |

N: Not notifiable. U: Unavailable. —: No reported cases.

C.N.M.I.: Commonwealth of Northern Mariana Islands.

\* Incidence data for reporting years 2004 and 2005 are provisional and cumulative (year-to-date).

**TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending June 18, 2005, and June 19, 2004 (24th Week)\***

| Reporting area | Hepatitis (viral, acute), by type |       |       |              |              |              |
|----------------|-----------------------------------|-------|-------|--------------|--------------|--------------|
|                | A                                 | B     | C     | Cum.<br>2005 | Cum.<br>2004 | Cum.<br>2005 |
| UNITED STATES  | 1,695                             | 2,613 | 2,567 | 2,655        | 299          | 327          |
| NEW ENGLAND    | 219                               | 383   | 135   | 171          | 6            | 6            |
| Maine          | —                                 | 8     | 8     | 1            | —            | —            |
| N.H.           | 32                                | 10    | 5     | 22           | —            | —            |
| Vt.            | 2                                 | 7     | 2     | 2            | 6            | 1            |
| Mass.          | 155                               | 317   | 101   | 81           | —            | 5            |
| R.I.           | 5                                 | 10    | 1     | 3            | —            | —            |
| Conn.          | 25                                | 31    | 18    | 62           | U            | —            |
| MID. ATLANTIC  | 270                               | 324   | 510   | 345          | 48           | 57           |
| Upstate N.Y.   | 42                                | 38    | 45    | 35           | 11           | 2            |
| N.Y. City      | 134                               | 124   | 45    | 72           | —            | —            |
| N.J.           | 45                                | 71    | 348   | 92           | —            | —            |
| Pa.            | 49                                | 91    | 102   | 146          | 37           | 55           |
| E.N. CENTRAL   | 168                               | 211   | 171   | 252          | 61           | 37           |
| Ohio           | 26                                | 26    | 66    | 64           | 1            | 3            |
| Ind.           | 22                                | 20    | 10    | 16           | 15           | 2            |
| Ill.           | 37                                | 67    | 14    | 28           | —            | 11           |
| Mich.          | 69                                | 75    | 81    | 120          | 45           | 21           |
| Wis.           | 14                                | 23    | —     | 24           | —            | —            |
| W.N. CENTRAL   | 54                                | 76    | 178   | 167          | 17           | 4            |
| Minn.          | 3                                 | 23    | 10    | 20           | 1            | 4            |
| Iowa           | 14                                | 23    | 62    | 11           | —            | —            |
| Mo.            | 27                                | 11    | 78    | 109          | 15           | —            |
| N. Dak.        | —                                 | 1     | —     | 1            | 1            | —            |
| S. Dak.        | —                                 | 2     | —     | —            | —            | —            |
| Nebr.          | 3                                 | 9     | 14    | 15           | —            | —            |
| Kans.          | 7                                 | 7     | 14    | 11           | —            | —            |
| S. ATLANTIC    | 245                               | 470   | 671   | 849          | 66           | 85           |
| Del.           | —                                 | 5     | 30    | 23           | 2            | 3            |
| Md.            | 27                                | 61    | 86    | 71           | 16           | 2            |
| D.C.           | 2                                 | 4     | 4     | 12           | —            | 1            |
| Va.            | 40                                | 38    | 84    | 94           | 7            | 8            |
| W. Va.         | 3                                 | 1     | 18    | 2            | 5            | 14           |
| N.C.           | 33                                | 32    | 68    | 80           | 8            | 6            |
| S.C.           | 8                                 | 27    | 41    | 63           | 1            | 7            |
| Ga.            | 41                                | 180   | 90    | 257          | 4            | 7            |
| Fla.           | 91                                | 122   | 250   | 247          | 23           | 37           |
| E.S. CENTRAL   | 115                               | 73    | 173   | 220          | 43           | 35           |
| Ky.            | 6                                 | 11    | 36    | 24           | 3            | 15           |
| Tenn.          | 83                                | 48    | 68    | 105          | 9            | 9            |
| Ala.           | 13                                | 6     | 32    | 35           | 8            | 2            |
| Miss.          | 13                                | 8     | 37    | 56           | 23           | 9            |
| W.S. CENTRAL   | 104                               | 363   | 162   | 126          | 17           | 53           |
| Ark.           | 3                                 | 47    | 19    | 55           | —            | 1            |
| La.            | 34                                | 19    | 23    | 27           | 7            | 3            |
| Okla.          | 3                                 | 16    | 7     | 31           | —            | 2            |
| Tex.           | 64                                | 281   | 113   | 13           | 10           | 47           |
| MOUNTAIN       | 164                               | 205   | 257   | 200          | 17           | 19           |
| Mont.          | 7                                 | 4     | 3     | 1            | —            | 2            |
| Idaho          | 15                                | 10    | 5     | 6            | —            | 1            |
| Wyo.           | —                                 | 2     | —     | 6            | —            | —            |
| Colo.          | 19                                | 20    | 22    | 22           | 8            | 4            |
| N. Mex.        | 8                                 | 9     | 7     | 10           | —            | U            |
| Ariz.          | 96                                | 134   | 177   | 101          | —            | 2            |
| Utah           | 13                                | 20    | 26    | 17           | 6            | 2            |
| Nev.           | 6                                 | 6     | 17    | 37           | 3            | 8            |
| PACIFIC        | 356                               | 508   | 280   | 325          | 24           | 31           |
| Wash.          | 21                                | 29    | 33    | 26           | 4            | 9            |
| Oreg.          | 21                                | 38    | 44    | 52           | 9            | 9            |
| Calif.         | 302                               | 425   | 196   | 235          | 11           | 12           |
| Alaska         | 3                                 | 3     | 5     | 8            | —            | —            |
| Hawaii         | 9                                 | 13    | 2     | 4            | —            | 1            |
| Guam           | —                                 | 1     | —     | 10           | —            | 8            |
| P.R.           | 4                                 | 20    | 3     | 34           | —            | —            |
| V.I.           | —                                 | —     | —     | —            | —            | —            |
| Amer. Samoa    | U                                 | U     | U     | U            | U            | U            |
| C.N.M.I.       | —                                 | U     | —     | U            | —            | U            |

N: Not notifiable.

U: Unavailable.

—: No reported cases.

C.N.M.I.: Commonwealth of Northern Mariana Islands.

\* Incidence data for reporting years 2004 and 2005 are provisional and cumulative (year-to-date).

**TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending June 18, 2005, and June 19, 2004 (24th Week)\***

| Reporting area | Legionellosis |              | Listeriosis  |              | Lyme disease |              | Malaria      |              |
|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | Cum.<br>2005  | Cum.<br>2004 | Cum.<br>2005 | Cum.<br>2004 | Cum.<br>2005 | Cum.<br>2004 | Cum.<br>2005 | Cum.<br>2004 |
| UNITED STATES  | 505           | 610          | 209          | 244          | 2,742        | 4,895        | 448          | 564          |
| NEW ENGLAND    | 32            | 18           | 6            | 11           | 166          | 786          | 18           | 51           |
| Maine          | 1             | —            | —            | 2            | 13           | 29           | 3            | 4            |
| N.H.           | 4             | —            | 1            | 1            | 23           | 21           | 3            | —            |
| Vt.            | —             | 1            | —            | —            | 3            | 12           | —            | 3            |
| Mass.          | 19            | 10           | 2            | 3            | 95           | 481          | 10           | 29           |
| R.I.           | 2             | 2            | 1            | 1            | 3            | 47           | 2            | 2            |
| Conn.          | 6             | 5            | 2            | 4            | 29           | 196          | —            | 13           |
| MID. ATLANTIC  | 146           | 134          | 44           | 56           | 1,908        | 3,250        | 120          | 139          |
| Upstate N.Y.   | 38            | 27           | 13           | 17           | 358          | 1,006        | 22           | 15           |
| N.Y. City      | 17            | 18           | 7            | 8            | —            | 109          | 51           | 69           |
| N.J.           | 32            | 21           | 8            | 16           | 835          | 943          | 30           | 31           |
| Pa.            | 59            | 68           | 16           | 15           | 715          | 1,192        | 17           | 24           |
| E.N. CENTRAL   | 101           | 139          | 20           | 40           | 38           | 309          | 26           | 49           |
| Ohio           | 48            | 62           | 8            | 15           | 23           | 20           | 7            | 12           |
| Ind.           | 6             | 12           | 1            | 6            | 3            | 3            | —            | 6            |
| Ill.           | 11            | 21           | —            | 8            | —            | 37           | 7            | 15           |
| Mich.          | 28            | 37           | 6            | 9            | 4            | 3            | 9            | 9            |
| Wis.           | 8             | 7            | 5            | 2            | 8            | 246          | 3            | 7            |
| W.N. CENTRAL   | 14            | 15           | 11           | 4            | 94           | 63           | 24           | 35           |
| Minn.          | 1             | 1            | 2            | 1            | 72           | 25           | 11           | 16           |
| Iowa           | 2             | 3            | 4            | 1            | 13           | 13           | 2            | 1            |
| Mo.            | 8             | 7            | 2            | 2            | 8            | 19           | 10           | 8            |
| N. Dak.        | 1             | 1            | 2            | —            | —            | —            | —            | 2            |
| S. Dak.        | —             | 1            | —            | —            | —            | —            | —            | 1            |
| Nebr.          | —             | 1            | —            | —            | —            | 4            | —            | 2            |
| Kans.          | 2             | 1            | 1            | —            | 1            | 2            | 1            | 5            |
| S. ATLANTIC    | 112           | 134          | 49           | 34           | 449          | 417          | 95           | 135          |
| Del.           | 1             | 2            | N            | N            | 117          | 57           | —            | 3            |
| Md.            | 33            | 20           | 6            | 5            | 233          | 266          | 34           | 29           |
| D.C.           | 2             | 5            | —            | —            | 3            | 2            | 2            | 7            |
| Va.            | 12            | 8            | 5            | 4            | 39           | 16           | 11           | 11           |
| W. Va.         | 4             | 2            | 1            | 1            | 4            | 2            | —            | 9            |
| N.C.           | 12            | 15           | 9            | 8            | 22           | 45           | 13           | 13           |
| S.C.           | 2             | 4            | 1            | 1            | 7            | 4            | 3            | 7            |
| Ga.            | 7             | 21           | 10           | 7            | —            | 8            | 13           | 24           |
| Fla.           | 39            | 57           | 17           | 8            | 24           | 17           | 18           | 45           |
| E.S. CENTRAL   | 21            | 26           | 10           | 13           | 15           | 21           | 12           | 17           |
| Ky.            | 7             | 6            | 1            | 4            | 1            | 10           | 3            | 1            |
| Tenn.          | 7             | 10           | 5            | 7            | 14           | 8            | 6            | 3            |
| Ala.           | 7             | 9            | 3            | 1            | —            | 3            | 3            | 10           |
| Miss.          | —             | 1            | 1            | 1            | —            | —            | —            | 3            |
| W.S. CENTRAL   | 9             | 84           | 9            | 21           | 29           | 14           | 33           | 57           |
| Ark.           | 1             | —            | —            | 1            | 2            | 2            | 2            | 6            |
| La.            | 4             | 5            | 3            | 2            | 3            | 1            | 2            | 3            |
| Oklahoma       | 1             | 2            | —            | —            | —            | —            | 2            | 2            |
| Tex.           | 3             | 77           | 6            | 18           | 24           | 11           | 27           | 46           |
| MOUNTAIN       | 41            | 34           | 2            | 11           | 3            | 5            | 25           | 17           |
| Mont.          | 3             | 1            | —            | —            | —            | —            | —            | —            |
| Idaho          | 1             | 3            | —            | 1            | 1            | 2            | —            | 1            |
| Wyo.           | 2             | 4            | —            | —            | —            | 2            | —            | —            |
| Colo.          | 10            | 6            | 1            | 3            | —            | —            | 14           | 7            |
| N. Mex.        | 1             | 1            | —            | —            | —            | —            | —            | 1            |
| Ariz.          | 12            | 5            | —            | —            | —            | —            | —            | 1            |
| Utah           | 5             | 11           | —            | 1            | 2            | 1            | 5            | 3            |
| Nev.           | 7             | 3            | 1            | 6            | —            | —            | 4            | 3            |
| PACIFIC        | 29            | 26           | 58           | 54           | 40           | 30           | 95           | 64           |
| Wash.          | —             | 4            | 4            | 6            | —            | 2            | 7            | 3            |
| Oreg.          | N             | N            | 4            | 4            | 4            | 14           | 2            | 10           |
| Calif.         | 29            | 22           | 50           | 44           | 35           | 14           | 79           | 49           |
| Alaska         | —             | —            | —            | —            | 1            | —            | 3            | —            |
| Hawaii         | —             | —            | —            | —            | N            | N            | 4            | 2            |
| Guam           | —             | —            | —            | —            | —            | —            | —            | —            |
| P.R.           | —             | —            | —            | —            | —            | —            | —            | —            |
| V.I.           | —             | —            | —            | —            | —            | —            | —            | —            |
| Amer. Samoa    | U             | U            | U            | U            | U            | U            | U            | U            |
| C.N.M.I.       | —             | —            | —            | —            | —            | —            | —            | —            |

N: Not notifiable. U: Unavailable. —: No reported cases.

C.N.M.I.: Commonwealth of Northern Mariana Islands.

\* Incidence data for reporting years 2004 and 2005 are provisional and cumulative (year-to-date).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending June 18, 2005, and June 19, 2004  
(24th Week)\*

| Reporting area | Meningococcal disease |              |                              |              |              |              |                 |              |                   |              |
|----------------|-----------------------|--------------|------------------------------|--------------|--------------|--------------|-----------------|--------------|-------------------|--------------|
|                | All serogroups        |              | Serogroup A, C, Y, and W-135 |              | Serogroup B  |              | Other serogroup |              | Serogroup unknown |              |
|                | Cum.<br>2005          | Cum.<br>2004 | Cum.<br>2005                 | Cum.<br>2004 | Cum.<br>2005 | Cum.<br>2004 | Cum.<br>2005    | Cum.<br>2004 | Cum.<br>2005      | Cum.<br>2004 |
| UNITED STATES  | 649                   | 683          | 50                           | 50           | 31           | 27           | —               | —            | 568               | 606          |
| NEW ENGLAND    | 48                    | 35           | 1                            | 4            | —            | 4            | —               | —            | 47                | 27           |
| Maine          | 2                     | 8            | —                            | —            | —            | 1            | —               | —            | 2                 | 7            |
| N.H.           | 6                     | 3            | —                            | —            | —            | —            | —               | —            | 6                 | 3            |
| Vt.            | 4                     | 1            | —                            | —            | —            | —            | —               | —            | 4                 | 1            |
| Mass.          | 24                    | 21           | —                            | 4            | —            | 3            | —               | —            | 24                | 14           |
| R.I.           | 2                     | 1            | —                            | —            | —            | —            | —               | —            | 2                 | 1            |
| Conn.          | 10                    | 1            | 1                            | —            | —            | —            | —               | —            | 9                 | 1            |
| MID. ATLANTIC  | 87                    | 102          | 25                           | 30           | 4            | 5            | —               | —            | 58                | 67           |
| Upstate N.Y.   | 22                    | 30           | 3                            | 5            | 3            | 3            | —               | —            | 16                | 22           |
| N.Y. City      | 12                    | 17           | —                            | —            | —            | —            | —               | —            | 12                | 17           |
| N.J.           | 24                    | 19           | —                            | —            | —            | —            | —               | —            | 24                | 19           |
| Pa.            | 29                    | 36           | 22                           | 25           | 1            | 2            | —               | —            | 6                 | 9            |
| E.N. CENTRAL   | 58                    | 69           | 15                           | 11           | 5            | 5            | —               | —            | 38                | 53           |
| Ohio           | 28                    | 40           | —                            | 3            | 5            | 4            | —               | —            | 23                | 33           |
| Ind.           | 8                     | 10           | —                            | —            | —            | 1            | —               | —            | 8                 | 9            |
| Ill.           | 2                     | 1            | —                            | —            | —            | —            | —               | —            | 2                 | 1            |
| Mich.          | 15                    | 8            | 15                           | 8            | —            | —            | —               | —            | —                 | —            |
| Wis.           | 5                     | 10           | —                            | —            | —            | —            | —               | —            | —                 | —            |
| W.N. CENTRAL   | 43                    | 44           | 2                            | —            | 1            | 3            | —               | —            | 40                | 41           |
| Minn.          | 6                     | 13           | 1                            | —            | —            | —            | —               | —            | 5                 | 13           |
| Iowa           | 11                    | 9            | —                            | —            | 1            | 2            | —               | —            | 10                | 7            |
| Mo.            | 15                    | 13           | 1                            | —            | —            | 1            | —               | —            | 14                | 12           |
| N. Dak.        | —                     | 1            | —                            | —            | —            | —            | —               | —            | —                 | 1            |
| S. Dak.        | 2                     | 1            | —                            | —            | —            | —            | —               | —            | 2                 | 1            |
| Nebr.          | 3                     | 2            | —                            | —            | —            | —            | —               | —            | 3                 | 2            |
| Kans.          | 6                     | 5            | —                            | —            | —            | —            | —               | —            | 6                 | 5            |
| S. ATLANTIC    | 117                   | 137          | 3                            | 2            | 4            | 2            | —               | —            | 110               | 133          |
| Del.           | 2                     | 2            | —                            | —            | —            | —            | —               | —            | 2                 | 2            |
| Md.            | 11                    | 7            | 1                            | —            | 2            | —            | —               | —            | 8                 | 7            |
| D.C.           | —                     | 5            | —                            | 2            | —            | —            | —               | —            | —                 | 3            |
| Va.            | 16                    | 9            | —                            | —            | —            | —            | —               | —            | 16                | 9            |
| W. Va.         | 5                     | 4            | —                            | —            | —            | —            | —               | —            | 4                 | 4            |
| N.C.           | 11                    | 20           | 1                            | —            | 2            | 2            | —               | —            | 8                 | 18           |
| S.C.           | 11                    | 13           | —                            | —            | —            | —            | —               | —            | 11                | 13           |
| Ga.            | 11                    | 9            | —                            | —            | —            | —            | —               | —            | 11                | 9            |
| Fla.           | 50                    | 68           | —                            | —            | —            | —            | —               | —            | 50                | 68           |
| E.S. CENTRAL   | 33                    | 30           | —                            | —            | 3            | —            | —               | —            | 30                | 30           |
| Ky.            | 11                    | 3            | —                            | —            | 3            | —            | —               | —            | 8                 | 3            |
| Tenn.          | 15                    | 10           | —                            | —            | —            | —            | —               | —            | 15                | 10           |
| Ala.           | 3                     | 7            | —                            | —            | —            | —            | —               | —            | 3                 | 7            |
| Miss.          | 4                     | 10           | —                            | —            | —            | —            | —               | —            | 4                 | 10           |
| W.S. CENTRAL   | 49                    | 40           | 1                            | 1            | 4            | 1            | —               | —            | 44                | 38           |
| Ark.           | 9                     | 10           | —                            | —            | —            | —            | —               | —            | 9                 | 10           |
| La.            | 21                    | 24           | —                            | 1            | 2            | —            | —               | —            | 19                | 23           |
| Okla.          | 10                    | 4            | 1                            | —            | 2            | 1            | —               | —            | 7                 | 3            |
| Tex.           | 9                     | 2            | —                            | —            | —            | —            | —               | —            | 9                 | 2            |
| MOUNTAIN       | 57                    | 37           | 2                            | —            | 5            | 3            | —               | —            | 50                | 34           |
| Mont.          | —                     | 2            | —                            | —            | —            | —            | —               | —            | —                 | 2            |
| Idaho          | 1                     | 4            | —                            | —            | —            | —            | —               | —            | 1                 | 4            |
| Wyo.           | —                     | 3            | —                            | —            | —            | —            | —               | —            | —                 | 3            |
| Colo.          | 12                    | 11           | 2                            | —            | —            | —            | —               | —            | 10                | 11           |
| N. Mex.        | 1                     | 4            | —                            | —            | —            | —            | —               | —            | 1                 | 2            |
| Ariz.          | 31                    | 6            | —                            | —            | 2            | —            | —               | —            | 29                | 6            |
| Utah           | 7                     | 2            | —                            | —            | 2            | —            | —               | —            | 5                 | 2            |
| Nev.           | 5                     | 5            | —                            | —            | 1            | 1            | —               | —            | 4                 | 4            |
| PACIFIC        | 157                   | 189          | 1                            | 2            | 5            | 4            | —               | —            | 151               | 183          |
| Wash.          | 29                    | 16           | 1                            | 2            | 4            | 4            | —               | —            | 24                | 10           |
| Oreg.          | 23                    | 37           | —                            | —            | —            | —            | —               | —            | 23                | 37           |
| Calif.         | 98                    | 129          | —                            | —            | —            | —            | —               | —            | 98                | 129          |
| Alaska         | 1                     | 2            | —                            | —            | —            | —            | —               | —            | 1                 | 2            |
| Hawaii         | 6                     | 5            | —                            | —            | 1            | —            | —               | —            | 5                 | 5            |
| Guam           | —                     | —            | —                            | —            | —            | —            | —               | —            | —                 | —            |
| P.R.           | 4                     | 9            | —                            | —            | —            | —            | —               | —            | 4                 | 9            |
| V.I.           | —                     | —            | —                            | —            | —            | —            | —               | —            | —                 | —            |
| Amer. Samoa    | —                     | —            | —                            | —            | —            | —            | —               | —            | —                 | —            |
| C.N.M.I.       | —                     | —            | —                            | —            | —            | —            | —               | —            | —                 | —            |

N: Not notifiable.

U: Unavailable.

—: No reported cases.

C.N.M.I.: Commonwealth of Northern Mariana Islands.

\* Incidence data for reporting years 2004 and 2005 are provisional and cumulative (year-to-date).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending June 18, 2005, and June 19, 2004  
(24th Week)\*

| Reporting area | Pertussis    |              | Rabies, animal |              | Rocky Mountain spotted fever |              | Salmonellosis |              | Shigellosis  |              |
|----------------|--------------|--------------|----------------|--------------|------------------------------|--------------|---------------|--------------|--------------|--------------|
|                | Cum.<br>2005 | Cum.<br>2004 | Cum.<br>2005   | Cum.<br>2004 | Cum.<br>2005                 | Cum.<br>2004 | Cum.<br>2005  | Cum.<br>2004 | Cum.<br>2005 | Cum.<br>2004 |
| UNITED STATES  | 7,600        | 5,248        | 2,238          | 2,793        | 323                          | 354          | 11,926        | 13,165       | 4,431        | 5,415        |
| NEW ENGLAND    | 429          | 707          | 324            | 231          | 1                            | 7            | 750           | 651          | 87           | 111          |
| Maine          | 13           | 3            | 26             | 28           | N                            | N            | 60            | 35           | 4            | 2            |
| N.H.           | 18           | 22           | 4              | 9            | —                            | —            | 54            | 40           | 4            | 5            |
| Vt.            | 49           | 40           | 25             | 9            | —                            | —            | 43            | 21           | 4            | 2            |
| Mass.          | 320          | 610          | 190            | 95           | —                            | 6            | 409           | 371          | 50           | 70           |
| R.I.           | 11           | 9            | 8              | 13           | 1                            | 1            | 23            | 48           | 4            | 8            |
| Conn.          | 18           | 23           | 71             | 77           | —                            | —            | 161           | 136          | 21           | 24           |
| MID. ATLANTIC  | 676          | 1,070        | 266            | 344          | 21                           | 33           | 1,513         | 1,731        | 469          | 573          |
| Upstate N.Y.   | 248          | 769          | 209            | 175          | —                            | 1            | 411           | 396          | 118          | 267          |
| N.Y. City      | 38           | 75           | 14             | 7            | 1                            | 11           | 345           | 505          | 187          | 163          |
| N.J.           | 119          | 77           | N              | N            | 6                            | 8            | 244           | 307          | 131          | 92           |
| Pa.            | 271          | 149          | 43             | 162          | 14                           | 13           | 513           | 523          | 33           | 51           |
| E.N. CENTRAL   | 1,641        | 1,366        | 44             | 26           | 5                            | 14           | 1,440         | 1,898        | 305          | 411          |
| Ohio           | 658          | 198          | 22             | 8            | 3                            | 5            | 418           | 446          | 30           | 74           |
| Ind.           | 146          | 40           | 4              | 3            | —                            | 3            | 141           | 170          | 33           | 89           |
| Ill.           | 179          | 278          | 11             | 8            | 1                            | 5            | 273           | 650          | 55           | 149          |
| Mich.          | 106          | 51           | 7              | 5            | 1                            | 1            | 322           | 321          | 123          | 48           |
| Wis.           | 552          | 799          | —              | 2            | —                            | —            | 286           | 311          | 64           | 51           |
| W.N. CENTRAL   | 1,068        | 300          | 165            | 272          | 41                           | 36           | 869           | 886          | 450          | 167          |
| Minn.          | 271          | 52           | 32             | 22           | —                            | —            | 201           | 212          | 28           | 22           |
| Iowa           | 314          | 40           | 31             | 31           | —                            | —            | 123           | 182          | 41           | 34           |
| Mo.            | 206          | 165          | 27             | 8            | 38                           | 31           | 285           | 243          | 313          | 71           |
| N. Dak.        | 48           | 8            | 6              | 29           | —                            | —            | 11            | 15           | 2            | 1            |
| S. Dak.        | 1            | 11           | 27             | 57           | 2                            | —            | 60            | 35           | 15           | 6            |
| Nebr.          | 97           | 5            | —              | 64           | —                            | 5            | 72            | 58           | 27           | 7            |
| Kans.          | 131          | 19           | 42             | 61           | 1                            | —            | 117           | 141          | 24           | 26           |
| S. ATLANTIC    | 501          | 272          | 761            | 1,124        | 172                          | 168          | 3,146         | 2,816        | 759          | 1,327        |
| Del.           | 13           | —            | —              | 9            | 1                            | 2            | 16            | 24           | 4            | 3            |
| Md.            | 90           | 55           | 141            | 130          | 18                           | 12           | 266           | 237          | 30           | 49           |
| D.C.           | 4            | 6            | —              | —            | —                            | —            | 17            | 16           | 7            | 21           |
| Va.            | 91           | 59           | 255            | 213          | 9                            | 1            | 347           | 301          | 43           | 44           |
| W. Va.         | 27           | 4            | 19             | 32           | 3                            | —            | 48            | 50           | —            | —            |
| N.C.           | 27           | 43           | 236            | 310          | 118                          | 103          | 494           | 341          | 72           | 137          |
| S.C.           | 161          | 46           | 5              | 68           | 6                            | 18           | 161           | 184          | 35           | 239          |
| Ga.            | 14           | 14           | 102            | 157          | 8                            | 26           | 434           | 531          | 200          | 309          |
| Fla.           | 74           | 45           | 3              | 205          | 9                            | 6            | 1,363         | 1,132        | 368          | 525          |
| E.S. CENTRAL   | 220          | 66           | 64             | 63           | 42                           | 47           | 691           | 800          | 626          | 279          |
| Ky.            | 58           | 11           | 6              | 11           | —                            | —            | 130           | 127          | 95           | 34           |
| Tenn.          | 104          | 37           | 21             | 22           | 31                           | 25           | 255           | 235          | 345          | 118          |
| Ala.           | 40           | 8            | 37             | 25           | 10                           | 12           | 218           | 217          | 150          | 98           |
| Miss.          | 18           | 10           | —              | 5            | 1                            | 10           | 88            | 221          | 36           | 29           |
| W.S. CENTRAL   | 208          | 251          | 461            | 597          | 14                           | 41           | 846           | 1,401        | 782          | 1,554        |
| Ark.           | 109          | 15           | 16             | 27           | 7                            | 19           | 260           | 166          | 28           | 20           |
| La.            | 16           | 8            | —              | —            | 2                            | 3            | 231           | 259          | 53           | 156          |
| Okl.           | —            | 14           | 48             | 68           | 5                            | 19           | 126           | 124          | 328          | 235          |
| Tex.           | 83           | 214          | 397            | 502          | —                            | —            | 229           | 852          | 373          | 1,143        |
| MOUNTAIN       | 1,870        | 496          | 94             | 51           | 22                           | 5            | 804           | 884          | 261          | 334          |
| Mont.          | 365          | 13           | —              | 5            | 1                            | 1            | 35            | 59           | 3            | 4            |
| Idaho          | 64           | 17           | —              | —            | 1                            | 1            | 47            | 64           | 2            | 6            |
| Wyo.           | 15           | 3            | 11             | —            | 1                            | —            | 18            | 22           | —            | 1            |
| Colo.          | 686          | 255          | 8              | 6            | 2                            | 1            | 199           | 208          | 42           | 55           |
| N. Mex.        | 62           | 70           | —              | 2            | —                            | 1            | 62            | 96           | 31           | 60           |
| Ariz.          | 465          | 95           | 75             | 38           | 13                           | 1            | 267           | 270          | 139          | 172          |
| Utah           | 189          | 33           | —              | —            | 4                            | —            | 117           | 89           | 19           | 16           |
| Nev.           | 24           | 10           | —              | —            | —                            | —            | 59            | 76           | 25           | 20           |
| PACIFIC        | 987          | 720          | 59             | 85           | 5                            | 3            | 1,867         | 2,098        | 692          | 659          |
| Wash.          | 234          | 208          | —              | —            | —                            | —            | 176           | 167          | 35           | 43           |
| Oreg.          | 319          | 223          | —              | —            | —                            | 2            | 128           | 179          | 32           | 32           |
| Calif.         | 356          | 270          | 58             | 74           | 5                            | 1            | 1,431         | 1,556        | 608          | 556          |
| Alaska         | 20           | 10           | 1              | 11           | —                            | —            | 19            | 29           | 5            | 5            |
| Hawaii         | 58           | 9            | —              | —            | —                            | —            | 113           | 167          | 12           | 23           |
| Guam           | —            | —            | —              | —            | —                            | —            | —             | 41           | —            | 33           |
| P.R.           | —            | —            | 28             | 23           | N                            | N            | 37            | 151          | —            | 10           |
| V.I.           | —            | —            | —              | —            | —                            | —            | —             | —            | —            | —            |
| Amer. Samoa    | U            | U            | U              | U            | U                            | U            | U             | U            | U            | U            |
| C.N.M.I.       | —            | U            | U              | U            | U                            | —            | —             | —            | —            | U            |

N: Not notifiable.

U: Unavailable.

—: No reported cases.

C.N.M.I.: Commonwealth of Northern Mariana Islands.

\* Incidence data for reporting years 2004 and 2005 are provisional and cumulative (year-to-date).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending June 18, 2005, and June 19, 2004  
(24th Week)\*

| Reporting area | Streptococcal disease, invasive, group A |           | Streptococcus pneumoniae, invasive disease |           |              |           | Syphilis  |           |           |           |
|----------------|--|-----------|--|-----------|--------------|-----------|-----------|-----------|-----------|-----------|
|                |  |           | Drug resistant, all ages                   |           | Age <5 years |           |           |           |           |           |
|                | Cum. 2005                                | Cum. 2004 | Cum. 2005                                  | Cum. 2004 | Cum. 2005    | Cum. 2004 | Cum. 2005 | Cum. 2004 | Cum. 2005 | Cum. 2004 |
| UNITED STATES  | 2,294                                    | 2,600     | 1,273                                      | 1,264     | 432          | 432       | 3,321     | 3,460     | 108       | 194       |
| NEW ENGLAND    | 86                                       | 188       | 12   | 72        | 48           | 66        | 98        | 84        | —         | —         |
| Maine          | 5  | 5         | N  | N         | —            | 2         | 1         | —         | —         | —         |
| N.H.           | 7  | 13        | —  | —         | 3            | N         | 5         | 3         | —         | —         |
| Vt.            | 7  | 6         | 6  | 6         | 3            | 1         | —         | —         | —         | —         |
| Mass.          | 61                                       | 88        | —  | 18        | 42           | 39        | 71        | 50        | —         | —         |
| R.I.           | 6  | 17        | 6  | 7         | —            | 5         | 2         | 9         | —         | —         |
| Conn.          | —  | 59        | U  | 41        | U            | 19        | 19        | 22        | —         | —         |
| MID. ATLANTIC  | 532                                      | 451       | 128  | 96        | 72           | 61        | 432       | 445       | 11        | 22        |
| Upstate N.Y.   | 172                                      | 140       | 49   | 42        | 42           | 40        | 35        | 38        | 5         | 1         |
| N.Y. City      | 88                                       | 74        | U  | U         | U            | U         | 278       | 263       | 5         | 9         |
| N.J.           | 112                                      | 95        | N  | N         | 13           | 5         | 62        | 80        | 1         | 11        |
| Pa.            | 160                                      | 142       | 79   | 54        | 17           | 16        | 57        | 64        | —         | 1         |
| E.N. CENTRAL   | 451                                      | 612       | 345  | 302       | 119          | 108       | 279       | 414       | 17        | 27        |
| Ohio           | 120                                      | 148       | 221  | 217       | 51           | 52        | 92        | 114       | 2         | 1         |
| Ind.           | 48                                       | 68        | 118  | 85        | 31           | 22        | 33        | 27        | 1         | 1         |
| Ill.           | 94                                       | 173       | 6  | —         | 33           | —         | 112       | 163       | 3         | 3         |
| Mich.          | 181                                      | 176       | —  | N         | —            | N         | 32        | 92        | 9         | 22        |
| Wis.           | 8  | 47        | N  | N         | 4            | 34        | 10        | 18        | 2         | —         |
| W.N. CENTRAL   | 150                                      | 188       | 32   | 12        | 50           | 42        | 106       | 85        | 1         | 2         |
| Minn.          | 53                                       | 89        | —  | —         | 29           | 25        | 26        | 14        | —         | 1         |
| Iowa           | N  | N         | N  | N         | —            | N         | 1         | 4         | —         | —         |
| Mo.            | 45                                       | 42        | 27   | 9         | 5            | 8         | 64        | 48        | 1         | 1         |
| N. Dak.        | 2  | 8         | —  | —         | 1            | 1         | —         | —         | —         | —         |
| S. Dak.        | 16                                       | 8         | 3  | 3         | —            | —         | —         | —         | —         | —         |
| Nebr.          | 11                                       | 13        | 2  | —         | 5            | 5         | 3         | 5         | —         | —         |
| Kans.          | 23                                       | 28        | N  | N         | 10           | 3         | 12        | 14        | —         | —         |
| S. ATLANTIC    | 465                                      | 510       | 514  | 648       | 51           | 31        | 860       | 853       | 22        | 33        |
| Del.           | —  | 2         | 1  | 4         | —            | N         | 6         | 3         | —         | 1         |
| Md.            | 121                                      | 79        | —  | —         | 34           | 20        | 165       | 164       | 7         | 4         |
| D.C.           | 6  | 5         | 13   | 5         | 2            | 4         | 56        | 24        | —         | 1         |
| Va.            | 40                                       | 40        | N  | N         | —            | N         | 45        | 48        | 3         | 1         |
| W. Va.         | 11                                       | 16        | 67   | 66        | 15           | 7         | 2         | 3         | —         | —         |
| N.C.           | 72                                       | 73        | N  | N         | U            | U         | 107       | 72        | 7         | 3         |
| S.C.           | 11                                       | 43        | —  | 72        | —            | N         | 29        | 59        | —         | 9         |
| Ga.            | 81                                       | 131       | 109  | 161       | —            | N         | 112       | 151       | —         | 2         |
| Fla.           | 123                                      | 121       | 324  | 340       | —            | N         | 338       | 329       | 5         | 12        |
| E.S. CENTRAL   | 108                                      | 138       | 114  | 81        | 5            | 9         | 173       | 183       | 12        | 9         |
| Ky.            | 23                                       | 43        | 21   | 20        | N            | N         | 16        | 23        | —         | 1         |
| Tenn.          | 85                                       | 95        | 93   | 59        | —            | N         | 78        | 64        | 8         | 1         |
| Ala.           | —  | —         | —  | —         | N            | N         | 63        | 77        | 3         | 5         |
| Miss.          | —  | —         | —  | 2         | 5            | 9         | 16        | 19        | 1         | 2         |
| W.S. CENTRAL   | 92                                       | 200       | 84   | 38        | 55           | 87        | 576       | 527       | 27        | 37        |
| Ark.           | 8  | 7         | 12   | 5         | 13           | 7         | 24        | 15        | —         | 3         |
| La.            | 6  | 2         | 72   | 33        | 17           | 20        | 118       | 122       | 3         | 3         |
| Okla.          | 67                                       | 38        | N  | N         | 16           | 26        | 18        | 13        | 1         | 2         |
| Tex.           | 11                                       | 153       | N  | N         | 9            | 34        | 416       | 377       | 23        | 29        |
| MOUNTAIN       | 362                                      | 269       | 44   | 14        | 32           | 28        | 182       | 185       | 14        | 27        |
| Mont.          | —  | —         | —  | —         | —            | —         | 5         | —         | —         | —         |
| Idaho          | 1  | 4         | N  | N         | —            | N         | 19        | 13        | 1         | 2         |
| Wyo.           | 2  | 6         | 18   | 5         | —            | —         | —         | 1         | —         | —         |
| Colo.          | 133                                      | 57        | N  | N         | 31           | 28        | 19        | 32        | —         | —         |
| N. Mex.        | 23                                       | 62        | —  | N         | —            | —         | 23        | 48        | 1         | 2         |
| Ariz.          | 154                                      | 116       | N  | N         | —            | N         | 67        | 79        | 12        | 23        |
| Utah           | 48                                       | 23        | 25   | 7         | 1            | —         | 4         | 3         | —         | —         |
| Nev.           | 1  | 1         | 1  | 2         | —            | —         | 45        | 9         | —         | —         |
| PACIFIC        | 48                                       | 44        | —  | 1         | —            | —         | 615       | 684       | 4         | 37        |
| Wash.          | N  | N         | N  | N         | N            | N         | 64        | 42        | —         | —         |
| Oreg.          | N  | N         | N  | N         | —            | N         | 16        | 15        | —         | —         |
| Calif.         | —  | —         | N  | N         | N            | N         | 529       | 624       | 4         | 37        |
| Alaska         | —  | —         | —  | —         | —            | —         | 4         | —         | —         | —         |
| Hawaii         | 48                                       | 44        | —  | 1         | —            | —         | 2         | 3         | —         | —         |
| Guam           | —  | —         | —  | —         | —            | —         | —         | 1         | —         | —         |
| P.R.           | N  | N         | N  | N         | —            | N         | 91        | 64        | 6         | 3         |
| V.I.           | —  | —         | —  | —         | —            | —         | —         | 4         | —         | —         |
| Amer. Samoa    | U  | U         | U  | U         | U            | U         | U         | U         | U         | U         |
| C.N.M.I.       | —  | U         | —  | U         | —            | U         | —         | U         | —         | U         |

N: Not notifiable. U: Unavailable. —: No reported cases.

C.N.M.I.: Commonwealth of Northern Mariana Islands.

\* Incidence data for reporting years 2004 and 2005 are provisional and cumulative (year-to-date).

**TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending June 18, 2005, and June 19, 2004 (24th Week)\***

| Reporting area | Tuberculosis |              | Typhoid fever |              | Varicella<br>(chickenpox) |              | West Nile virus disease† |              |              |
|----------------|--------------|--------------|---------------|--------------|---------------------------|--------------|--------------------------|--------------|--------------|
|                |              |              |               |              | Cum.<br>2005              | Cum.<br>2004 | Cum.<br>2005             | Cum.<br>2004 | Cum.<br>2005 |
|                | Cum.<br>2005 | Cum.<br>2004 | Cum.<br>2005  | Cum.<br>2004 | Cum.<br>2005              | Cum.<br>2004 | Cum.<br>2005             | Cum.<br>2004 | Cum.<br>2005 |
| UNITED STATES  | 4,247        | 5,781        | 91            | 120          | 12,475                    | 12,223       | —                        | 63           | —            |
| NEW ENGLAND    | 136          | 188          | 11            | 14           | 891                       | 1,728        | —                        | —            | —            |
| Maine          | 7            | 11           | 1             | —            | 200                       | 176          | —                        | —            | —            |
| N.H.           | 4            | 7            | —             | —            | 124                       | —            | —                        | —            | —            |
| Vt.            | —            | —            | —             | —            | 29                        | 392          | —                        | —            | —            |
| Mass.          | 90           | 105          | 7             | 12           | 538                       | 36           | —                        | —            | —            |
| R.I.           | 14           | 22           | —             | 1            | —                         | —            | —                        | —            | —            |
| Conn.          | 21           | 43           | 3             | 1            | U                         | 1,124        | —                        | —            | —            |
| MID. ATLANTIC  | 900          | 852          | 24            | 33           | 2,716                     | 36           | —                        | 2            | —            |
| Upstate N.Y.   | 111          | 104          | 4             | 2            | —                         | —            | —                        | —            | —            |
| N.Y. City      | 458          | 432          | 5             | 12           | —                         | —            | —                        | 1            | —            |
| N.J.           | 210          | 183          | 8             | 11           | —                         | —            | —                        | —            | —            |
| Pa.            | 121          | 133          | 7             | 8            | 2,716                     | 36           | —                        | 1            | —            |
| E.N. CENTRAL   | 557          | 504          | 5             | 12           | 3,778                     | 3,863        | —                        | 1            | —            |
| Ohio           | 117          | 89           | —             | 2            | 855                       | 955          | —                        | —            | —            |
| Ind.           | 59           | 58           | —             | —            | 120                       | N            | —                        | —            | —            |
| Ill.           | 258          | 228          | 1             | 5            | 24                        | 1            | —                        | —            | —            |
| Mich.          | 85           | 94           | 2             | 4            | 2,524                     | 2,444        | —                        | 1            | —            |
| Wis.           | 38           | 35           | 2             | 1            | 255                       | 463          | —                        | —            | —            |
| W.N. CENTRAL   | 202          | 193          | 1             | 3            | 184                       | 128          | —                        | 2            | —            |
| Minn.          | 85           | 73           | 1             | 2            | —                         | —            | —                        | 2            | —            |
| Iowa           | 17           | 15           | —             | —            | N                         | N            | —                        | —            | —            |
| Mo.            | 53           | 58           | —             | 1            | 110                       | 2            | —                        | 1            | —            |
| N. Dak.        | 2            | 3            | —             | —            | 10                        | 71           | —                        | —            | —            |
| S. Dak.        | 5            | 5            | —             | —            | 64                        | 55           | —                        | 1            | —            |
| Nebr.          | 16           | 11           | —             | —            | —                         | —            | —                        | —            | —            |
| Kans.          | 24           | 28           | —             | —            | —                         | —            | —                        | N            | —            |
| S. ATLANTIC    | 947          | 1,104        | 13            | 12           | 989                       | 1,428        | —                        | 1            | —            |
| Del.           | 2            | 12           | —             | —            | 6                         | 4            | —                        | —            | —            |
| Md.            | 106          | 110          | 3             | 3            | —                         | —            | —                        | —            | —            |
| D.C.           | 27           | 4            | —             | —            | 16                        | 17           | —                        | —            | —            |
| Va.            | 111          | 86           | 3             | 3            | 177                       | 343          | —                        | —            | —            |
| W. Va.         | 10           | 10           | —             | —            | 613                       | 788          | —                        | N            | —            |
| N.C.           | 92           | 110          | 2             | 3            | —                         | N            | —                        | —            | —            |
| S.C.           | 93           | 90           | —             | —            | 177                       | 276          | —                        | —            | —            |
| Ga.            | 132          | 297          | 2             | 1            | —                         | —            | —                        | —            | —            |
| Fla.           | 374          | 385          | 3             | 2            | —                         | —            | —                        | 1            | —            |
| E.S. CENTRAL   | 236          | 255          | 1             | 4            | —                         | —            | —                        | 1            | —            |
| Ky.            | 47           | 42           | 1             | 2            | N                         | N            | —                        | —            | —            |
| Tenn.          | 106          | 96           | —             | 2            | —                         | —            | —                        | —            | —            |
| Ala.           | 83           | 84           | —             | —            | —                         | —            | —                        | 1            | —            |
| Miss.          | —            | 33           | —             | —            | —                         | —            | —                        | —            | —            |
| W.S. CENTRAL   | 347          | 977          | 3             | 8            | 2,306                     | 3,569        | —                        | 2            | —            |
| Ark.           | 41           | 60           | —             | —            | —                         | —            | —                        | —            | —            |
| La.            | —            | —            | —             | —            | 97                        | 44           | —                        | —            | —            |
| Okla.          | 61           | 75           | —             | —            | —                         | —            | —                        | —            | —            |
| Tex.           | 245          | 842          | 3             | 8            | 2,209                     | 3,525        | —                        | 2            | —            |
| MOUNTAIN       | 150          | 242          | 3             | 6            | 1,611                     | 1,471        | —                        | 52           | —            |
| Mont.          | 6            | —            | —             | —            | —                         | —            | —                        | —            | —            |
| Idaho          | —            | —            | —             | —            | —                         | —            | —                        | —            | —            |
| Wyo.           | —            | 1            | —             | —            | 42                        | 21           | —                        | —            | —            |
| Colo.          | 27           | 64           | —             | 1            | 1,149                     | 1,156        | —                        | 1            | —            |
| N. Mex.        | 8            | 18           | —             | —            | 97                        | U            | —                        | —            | —            |
| Ariz.          | 98           | 99           | 1             | 2            | —                         | —            | —                        | 51           | —            |
| Utah           | 11           | 20           | 1             | 1            | 323                       | 294          | —                        | —            | —            |
| Nev.           | —            | 40           | 1             | 2            | —                         | —            | —                        | —            | —            |
| PACIFIC        | 772          | 1,466        | 30            | 28           | —                         | —            | —                        | 2            | —            |
| Wash.          | 98           | 106          | 2             | 2            | N                         | N            | —                        | —            | —            |
| Oreg.          | 46           | 38           | 2             | —            | —                         | —            | —                        | —            | —            |
| Calif.         | 564          | 1,257        | 21            | 20           | —                         | —            | —                        | 2            | —            |
| Alaska         | 13           | 14           | —             | —            | —                         | —            | —                        | —            | —            |
| Hawaii         | 51           | 51           | 5             | 6            | —                         | —            | —                        | —            | —            |
| Guam           | —            | 36           | —             | —            | —                         | 75           | —                        | —            | —            |
| P.R.           | —            | 21           | —             | —            | 77                        | 242          | —                        | —            | —            |
| V.I.           | —            | —            | —             | —            | —                         | —            | —                        | —            | —            |
| Amer. Samoa    | U            | U            | U             | U            | U                         | U            | U                        | U            | U            |
| C.N.M.I.       | —            | U            | —             | U            | —                         | U            | —                        | U            | —            |

N: Not notifiable. U: Unavailable.

—: No reported cases.

C.N.M.I.: Commonwealth of Northern Mariana Islands.

\* Incidence data for reporting years 2004 and 2005 are provisional and cumulative (year-to-date).

† Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Infectious Diseases (ArboNet Surveillance).

‡ Not previously notifiable.

TABLE III. Deaths in 122 U.S. cities,\* week ending June 18, 2005 (24th Week)

| Reporting Area               | All causes, by age (years) |       |       |       |      |    |     | P&I <sup>†</sup><br>Total | Reporting Area | All causes, by age (years) |     |       |       |      |     |  | P&I <sup>†</sup><br>Total |
|------------------------------|----------------------------|-------|-------|-------|------|----|-----|---------------------------|----------------|----------------------------|-----|-------|-------|------|-----|--|---------------------------|
|                              | All<br>Ages                | ≥65   | 45–64 | 25–44 | 1–24 | <1 |     |                           |                | All<br>Ages                | ≥65 | 45–64 | 25–44 | 1–24 | <1  |  |                           |
| NEW ENGLAND                  | 502                        | 337   | 105   | 40    | 13   | 7  | 46  | S. ATLANTIC               | 1,144          | 743                        | 260 | 79    | 39    | 23   | 59  |  |                           |
| Boston, Mass.                | 109                        | 61    | 31    | 11    | 4    | 2  | 16  | Atlanta, Ga.              | 133            | 79                         | 35  | 16    | 3     | —    | 6   |  |                           |
| Bridgeport, Conn.            | 28                         | 16    | 10    | 2     | —    | —  | 2   | Baltimore, Md.            | 146            | 76                         | 45  | 16    | 7     | 2    | 10  |  |                           |
| Cambridge, Mass.             | 19                         | 18    | 1     | —     | —    | —  | 2   | Charlotte, N.C.           | 102            | 68                         | 20  | 8     | 3     | 3    | 11  |  |                           |
| Fall River, Mass.            | 21                         | 12    | 5     | 3     | 1    | —  | 2   | Jacksonville, Fla.        | 160            | 104                        | 37  | 13    | 5     | 1    | 5   |  |                           |
| Hartford, Conn.              | 58                         | 41    | 8     | 5     | 4    | —  | 6   | Miami, Fla.               | 55             | 35                         | 14  | 2     | 2     | 2    | 2   |  |                           |
| Lowell, Mass.                | 17                         | 14    | 3     | —     | —    | —  | 2   | Norfolk, Va.              | 35             | 25                         | 4   | 1     | 2     | 3    | 2   |  |                           |
| Lynn, Mass.                  | 4                          | 2     | 2     | —     | —    | —  | —   | Richmond, Va.             | 56             | 35                         | 14  | 3     | 4     | —    | 8   |  |                           |
| New Bedford, Mass.           | 24                         | 14    | 5     | 4     | 1    | —  | 1   | Savannah, Ga.             | 44             | 28                         | 11  | 4     | 1     | —    | 1   |  |                           |
| New Haven, Conn.             | 39                         | 24    | 11    | 2     | 1    | 1  | 3   | St. Petersburg, Fla.      | 59             | 38                         | 12  | 3     | 3     | 3    | 2   |  |                           |
| Providence, R.I.             | 66                         | 46    | 11    | 6     | 1    | 2  | 4   | Tampa, Fla.               | 205            | 146                        | 39  | 8     | 6     | 6    | 10  |  |                           |
| Somerville, Mass.            | 1                          | —     | —     | —     | 1    | —  | —   | Washington, D.C.          | 101            | 68                         | 23  | 4     | 3     | 3    | 1   |  |                           |
| Springfield, Mass.           | 34                         | 27    | 6     | —     | —    | 1  | 4   | Wilmington, Del.          | 48             | 41                         | 6   | 1     | —     | —    | 1   |  |                           |
| Waterbury, Conn.             | 27                         | 21    | 2     | 3     | —    | 1  | 4   | E.S. CENTRAL              | 884            | 582                        | 189 | 64    | 30    | 19   | 67  |  |                           |
| Worcester, Mass.             | 55                         | 41    | 10    | 4     | —    | —  | 3   | Birmingham, Ala.          | 149            | 105                        | 30  | 9     | 3     | 2    | 17  |  |                           |
| MID. ATLANTIC                | 2,110                      | 1,467 | 448   | 118   | 46   | 30 | 128 | Chattanooga, Tenn.        | 74             | 53                         | 18  | 1     | 2     | —    | 3   |  |                           |
| Albany, N.Y.                 | 59                         | 43    | 13    | 2     | —    | 1  | 4   | Knoxville, Tenn.          | 84             | 64                         | 14  | 4     | 1     | 1    | 5   |  |                           |
| Allentown, Pa.               | 24                         | 21    | 3     | —     | —    | —  | 1   | Lexington, Ky.            | 67             | 44                         | 11  | 10    | 1     | 1    | 6   |  |                           |
| Buffalo, N.Y.                | 96                         | 65    | 20    | 8     | 2    | 1  | 10  | Memphis, Tenn.            | 202            | 128                        | 40  | 13    | 14    | 7    | 11  |  |                           |
| Camden, N.J.                 | 23                         | 17    | 5     | —     | 1    | —  | 1   | Mobile, Ala.              | 72             | 43                         | 24  | 3     | 1     | 1    | 2   |  |                           |
| Elizabeth, N.J.              | 14                         | 11    | 3     | —     | —    | —  | —   | Montgomery, Ala.          | 59             | 39                         | 9   | 5     | 4     | 2    | 5   |  |                           |
| Erie, Pa.                    | 33                         | 25    | 3     | 2     | 2    | 1  | 2   | Nashville, Tenn.          | 177            | 106                        | 43  | 19    | 4     | 5    | 18  |  |                           |
| Jersey City, N.J.            | 40                         | 29    | 8     | 2     | 1    | —  | —   | W.S. CENTRAL              | 1,646          | 1,020                      | 396 | 136   | 55    | 39   | 87  |  |                           |
| New York City, N.Y.          | 1,084                      | 758   | 237   | 58    | 21   | 9  | 64  | Austin, Tex.              | 82             | 44                         | 21  | 12    | 4     | 1    | 5   |  |                           |
| Newark, N.J.                 | 77                         | 39    | 26    | 7     | 2    | 3  | —   | Baton Rouge, La.          | 16             | 12                         | 4   | —     | —     | —    | 1   |  |                           |
| Paterson, N.J.               | U                          | U     | U     | U     | U    | U  | U   | Corpus Christi, Tex.      | 64             | 36                         | 17  | 6     | 3     | 2    | 2   |  |                           |
| Philadelphia, Pa.            | 299                        | 189   | 74    | 19    | 9    | 8  | 16  | Dallas, Tex.              | 199            | 122                        | 48  | 18    | 4     | 7    | 14  |  |                           |
| Pittsburgh, Pa. <sup>§</sup> | 41                         | 28    | 6     | 2     | 2    | 3  | 3   | El Paso, Tex.             | 99             | 71                         | 18  | 5     | 3     | 2    | 3   |  |                           |
| Reading, Pa.                 | 22                         | 18    | 3     | —     | 1    | —  | —   | Ft. Worth, Tex.           | 155            | 103                        | 37  | 7     | 6     | 2    | 8   |  |                           |
| Rochester, N.Y.              | 111                        | 86    | 17    | 5     | 1    | 2  | 10  | Houston, Tex.             | 326            | 187                        | 80  | 37    | 8     | 14   | 22  |  |                           |
| Schenectady, N.Y.            | 16                         | 12    | 1     | 2     | —    | 1  | —   | Little Rock, Ark.         | 64             | 42                         | 15  | 5     | 1     | 1    | 1   |  |                           |
| Scranton, Pa.                | 31                         | 23    | 4     | 2     | 2    | —  | 7   | New Orleans, La.          | 240            | 130                        | 63  | 23    | 19    | 5    | 10  |  |                           |
| Syracuse, N.Y.               | 84                         | 64    | 13    | 4     | 2    | 1  | 9   | San Antonio, Tex.         | 198            | 129                        | 47  | 13    | 6     | 3    | 9   |  |                           |
| Trenton, N.J.                | 25                         | 15    | 7     | 3     | —    | —  | —   | Shreveport, La.           | 73             | 44                         | 23  | 5     | —     | 1    | 4   |  |                           |
| Utica, N.Y.                  | 15                         | 13    | 1     | 1     | —    | —  | —   | Tulsa, Okla.              | 130            | 100                        | 23  | 5     | 1     | 1    | 8   |  |                           |
| Yonkers, N.Y.                | 16                         | 11    | 4     | 1     | —    | —  | —   | MOUNTAIN                  | 954            | 590                        | 219 | 82    | 33    | 26   | 72  |  |                           |
| E.N. CENTRAL                 | 1,970                      | 1,277 | 466   | 129   | 49   | 49 | 145 | Albuquerque, N.M.         | 100            | 50                         | 36  | 4     | 6     | 4    | 4   |  |                           |
| Akron, Ohio                  | 43                         | 28    | 11    | 3     | 1    | —  | 2   | Boise, Idaho              | 54             | 39                         | 5   | 4     | 1     | 5    | 5   |  |                           |
| Canton, Ohio                 | 21                         | 15    | 5     | —     | 1    | —  | 2   | Colo. Springs, Colo.      | 64             | 43                         | 14  | 5     | —     | 2    | 4   |  |                           |
| Chicago, Ill.                | 325                        | 187   | 91    | 25    | 11   | 11 | 27  | Denver, Colo.             | 99             | 61                         | 19  | 9     | 5     | 5    | 7   |  |                           |
| Cincinnati, Ohio             | 76                         | 51    | 15    | 5     | 1    | 4  | 1   | Las Vegas, Nev.           | 269            | 175                        | 69  | 16    | 7     | 1    | 35  |  |                           |
| Cleveland, Ohio              | 238                        | 170   | 49    | 13    | 2    | 4  | 13  | Ogden, Utah               | 28             | 22                         | 3   | 2     | 1     | —    | 2   |  |                           |
| Columbus, Ohio               | 200                        | 123   | 50    | 16    | 6    | 5  | 22  | Phoenix, Ariz.            | 203            | 102                        | 47  | 36    | 8     | 7    | 6   |  |                           |
| Dayton, Ohio                 | 128                        | 94    | 27    | 5     | 2    | —  | 13  | Pueblo, Colo.             | 30             | 18                         | 11  | 1     | —     | —    | 1   |  |                           |
| Detroit, Mich.               | 158                        | 83    | 46    | 17    | 7    | 5  | 12  | Salt Lake City, Utah      | 107            | 80                         | 15  | 5     | 5     | 2    | 8   |  |                           |
| Evansville, Ind.             | 40                         | 34    | 5     | —     | 1    | —  | 5   | Tucson, Ariz.             | U              | U                          | U   | U     | U     | U    | U   |  |                           |
| Fort Wayne, Ind.             | 62                         | 39    | 15    | 4     | 1    | 3  | 1   | PACIFIC                   | 1,615          | 1,102                      | 353 | 104   | 32    | 23   | 148 |  |                           |
| Gary, Ind.                   | 19                         | 11    | 5     | 1     | 1    | 1  | —   | Berkeley, Calif.          | 12             | 11                         | 1   | —     | —     | —    | —   |  |                           |
| Grand Rapids, Mich.          | 48                         | 25    | 18    | —     | 1    | 4  | 3   | Fresno, Calif.            | 129            | 89                         | 31  | 8     | 1     | —    | 8   |  |                           |
| Indianapolis, Ind.           | 186                        | 121   | 41    | 16    | 5    | 3  | 14  | Glendale, Calif.          | 19             | 16                         | 3   | —     | —     | —    | 2   |  |                           |
| Lansing, Mich.               | 34                         | 28    | 2     | 3     | 1    | —  | 2   | Honolulu, Hawaii          | 82             | 61                         | 13  | 6     | 1     | 1    | 6   |  |                           |
| Milwaukee, Wis.              | 105                        | 69    | 25    | 5     | 2    | 4  | 11  | Long Beach, Calif.        | 62             | 39                         | 17  | 2     | 3     | 1    | 8   |  |                           |
| Peoria, Ill.                 | 45                         | 31    | 12    | 1     | —    | 1  | 5   | Los Angeles, Calif.       | 416            | 290                        | 89  | 25    | 8     | 4    | 56  |  |                           |
| Rockford, Ill.               | 52                         | 35    | 9     | 2     | 5    | 1  | 5   | Pasadena, Calif.          | 26             | 20                         | 4   | 2     | —     | —    | 1   |  |                           |
| South Bend, Ind.             | 49                         | 33    | 10    | 6     | —    | —  | 3   | Portland, Oreg.           | 118            | 75                         | 26  | 13    | 3     | 1    | 8   |  |                           |
| Toledo, Ohio                 | 93                         | 60    | 26    | 5     | 1    | 1  | 3   | Sacramento, Calif.        | U              | U                          | U   | U     | U     | U    | U   |  |                           |
| Youngstown, Ohio             | 48                         | 40    | 4     | 2     | —    | 2  | 1   | San Diego, Calif.         | 187            | 123                        | 45  | 9     | 5     | 4    | 20  |  |                           |
| W.N. CENTRAL                 | 512                        | 317   | 126   | 37    | 18   | 14 | 31  | San Francisco, Calif.     | 120            | 76                         | 27  | 9     | 4     | 4    | 6   |  |                           |
| Des Moines, Iowa             | 0                          | 0     | 0     | 0     | 0    | 0  | 0   | San Jose, Calif.          | 169            | 121                        | 34  | 10    | 2     | 2    | 14  |  |                           |
| Duluth, Minn.                | 24                         | 16    | 6     | 2     | —    | —  | 1   | Santa Cruz, Calif.        | 29             | 25                         | 3   | 1     | —     | —    | 3   |  |                           |
| Kansas City, Kans.           | 20                         | 14    | 3     | 2     | 1    | —  | 2   | Seattle, Wash.            | 114            | 72                         | 29  | 7     | 3     | 3    | 5   |  |                           |
| Kansas City, Mo.             | 80                         | 46    | 20    | 6     | 7    | 1  | 5   | Spokane, Wash.            | 52             | 38                         | 10  | 2     | 1     | 1    | 7   |  |                           |
| Lincoln, Nebr.               | 39                         | 32    | 7     | —     | —    | —  | 4   | Tacoma, Wash.             | 80             | 46                         | 21  | 10    | 1     | 2    | 4   |  |                           |
| Minneapolis, Minn.           | 52                         | 25    | 18    | 4     | 2    | 3  | 6   |                           |                |                            |     |       |       |      |     |  |                           |
| Omaha, Nebr.                 | 82                         | 55    | 15    | 5     | 2    | 5  | 5   |                           |                |                            |     |       |       |      |     |  |                           |
| St. Louis, Mo.               | 93                         | 55    | 22    | 13    | —    | 3  | 3   |                           |                |                            |     |       |       |      |     |  |                           |
| St. Paul, Minn.              | 48                         | 28    | 14    | 2     | 3    | 1  | 3   |                           |                |                            |     |       |       |      |     |  |                           |
| Wichita, Kans.               | 74                         | 46    | 21    | 3     | 3    | 1  | 2   |                           |                |                            |     |       |       |      |     |  |                           |

<sup>U</sup>: Unavailable. —: No reported cases.

\* Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of ≥100,000. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.

<sup>†</sup> Pneumonia and influenza.<sup>§</sup> Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.<sup>¶</sup> Total includes unknown ages.





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